



June 14, 2024

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

**RE: May 2024 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 2024 Monthly Progress Report to United States Environmental Protection Agency (USEPA) by May 15, 2024.
- Completed semi-annual groundwater sampling May 13-15, 2024.

**2) ANALYTICAL AND OTHER TESTING RESULTS RECEIVED**

- Received laboratory data packages from May groundwater sampling event.

**3) PROJECTED WORK**

**WPSC Actions**

- Submit monthly progress report to USEPA by the 15<sup>th</sup> of the month.

**USEPA Actions**

- Provide comments or approval on modified ARAR Table.
- 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](mailto:frank.dombrowski@wecenergygroup.com).

Sincerely,



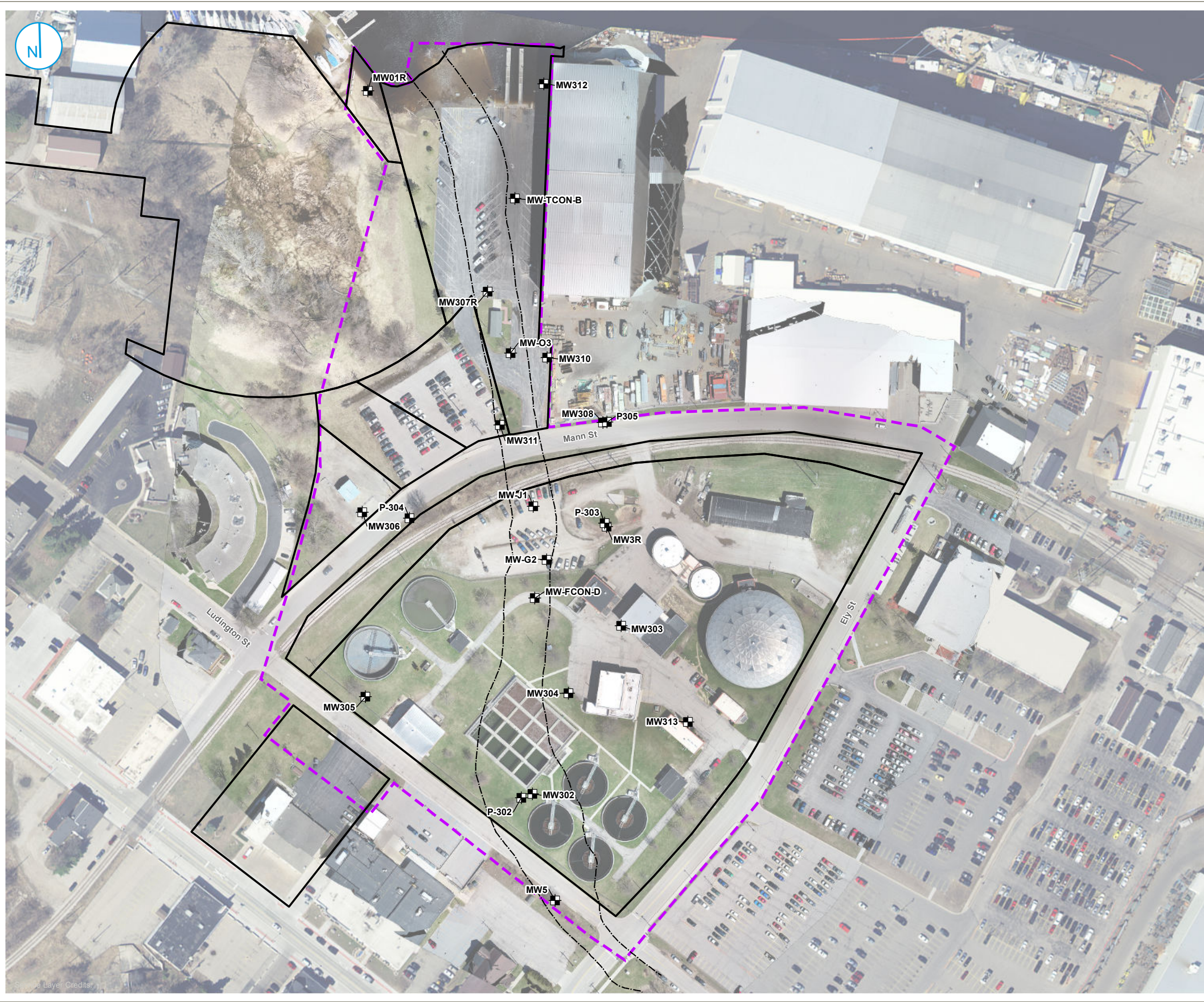
Frank Dombrowski  
Principal Environmental Consultant  
WEC Business Services – Environmental Dept





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

For distribution to:    Ms. Sarah Krueger, WDNR (via US Mail and email)  
                                  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**

WSPC MARINETTE FORMER MGP SITE  
MARINETTE, WISCONSIN

**FIGURE 1**





## **TABLES**





## LAB REPORT





June 03, 2024

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

RE: Project: 1940108087 Marinette Former MG  
Pace Project No.: 40278319

Dear Emily Ruder:

Enclosed are the analytical results for sample(s) received by the laboratory on May 15, 2024. 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  
Scott Woods, Ramboll



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40278319001	051324001	Water	05/13/24 11:43	05/15/24 10:00
40278319002	051324002	Water	05/13/24 12:36	05/15/24 10:00
40278319003	051324003	Water	05/13/24 13:25	05/15/24 10:00
40278319004	051324004	Water	05/13/24 14:22	05/15/24 10:00
40278319005	051324005	Water	05/13/24 15:40	05/15/24 10:00
40278319006	051324006	Water	05/13/24 16:25	05/15/24 10:00
40278319007	051324007	Water	05/13/24 16:40	05/15/24 10:00
40278319008	051424008	Water	05/14/24 07:50	05/15/24 10:00
40278319009	051424009	Water	05/14/24 07:55	05/15/24 10:00
40278319010	051424010	Water	05/14/24 08:50	05/15/24 10:00
40278319011	051424011	Water	05/14/24 09:25	05/15/24 10:00
40278319012	051424012	Water	05/14/24 10:25	05/15/24 10:00
40278319013	051424013	Water	05/14/24 10:50	05/15/24 10:00
40278319014	051424014	Water	05/14/24 11:24	05/15/24 10:00
40278319015	051424015	Water	05/14/24 12:03	05/15/24 10:00
40278319016	051424016	Water	05/14/24 12:42	05/15/24 10:00
40278319017	051424017	Water	05/14/24 12:47	05/15/24 10:00
40278319018	051424018	Water	05/14/24 13:35	05/15/24 10:00
40278319019	051424019	Water	05/14/24 14:11	05/15/24 10:00
40278319020	051424020	Water	05/14/24 15:19	05/15/24 10:00
40278319021	051424021	Water	05/14/24 15:56	05/15/24 10:00
40278319022	051424022	Water	05/14/24 16:40	05/15/24 10:00
40278319023	051424023	Water	05/14/24 17:15	05/15/24 10:00
40278319024	051424024	Water	05/14/24 17:20	05/15/24 10:00
40278319025	051424025	Water	05/14/24 17:44	05/15/24 10:00
40278319026	051424026	Water	05/14/24 18:04	05/15/24 10:00
40278319027	051424027	Water	05/14/24 18:15	05/15/24 10:00
40278319028	051524028	Water	05/15/24 07:37	05/15/24 10:00
40278319029	051524029	Water	05/15/24 00:00	05/15/24 10:00
40278319030	051524030	Water	05/15/24 00:00	05/15/24 10:00

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### SAMPLE ANALYTE COUNT

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40278319001	051324001	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
40278319002	051324002	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
40278319003	051324003	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
40278319004	051324004	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40278319005	051324005	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
40278319006	051324006	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G

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**SAMPLE ANALYTE COUNT**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40278319007	051324007	EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
40278319008	051424008	EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
40278319009	051424009	EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
40278319010	051424010	EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
40278319011	051424011	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G

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**SAMPLE ANALYTE COUNT**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40278319012	051424012	EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
40278319013	051424013	EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
40278319014	051424014	EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
40278319015	051424015	EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
40278319016	051424016	EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
40278319017	051424017	EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	EAW	1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory				
40278319018	051424018	EPA 8260	NB	9	PASI-G				
		EPA 300.0	HMB	1	PASI-G				
		EPA 310.2	MT	1	PASI-G				
		EPA 353.2	EAW	1	PASI-G				
		EPA 8015B Modified	KHB	1	PASI-G				
		EPA 6020B	KXS	9	PASI-G				
		EPA 8270E by SIM	TPO	20	PASI-G				
		EPA 8260	NB	9	PASI-G				
		EPA 300.0	HMB	1	PASI-G				
40278319019	051424019	EPA 310.2	MT	1	PASI-G				
		EPA 353.2	EAW	1	PASI-G				
		EPA 8015B Modified	KHB	1	PASI-G				
		EPA 6020B	KXS	9	PASI-G				
		EPA 8270E by SIM	TPO	20	PASI-G				
		EPA 8260	NB	9	PASI-G				
		EPA 300.0	HMB	1	PASI-G				
		EPA 310.2	MT	1	PASI-G				
		EPA 353.2	MT	1	PASI-G				
40278319020	051424020	EPA 8015B Modified	KHB	1	PASI-G				
		EPA 6020B	KXS	9	PASI-G				
		EPA 8270E by SIM	TPO	20	PASI-G				
		EPA 8260	NB	9	PASI-G				
		EPA 300.0	HMB	1	PASI-G				
		EPA 310.2	MT	1	PASI-G				
		EPA 353.2	MT	1	PASI-G				
		EPA 8015B Modified	KHB	1	PASI-G				
		EPA 6020B	KXS	9	PASI-G				
40278319021	051424021	EPA 8270E by SIM	TPO	20	PASI-G				
		EPA 8260	NB	9	PASI-G				
		EPA 300.0	HMB	1	PASI-G				
		EPA 310.2	MT	1	PASI-G				
		EPA 353.2	MT	1	PASI-G				
		EPA 8015B Modified	KHB	1	PASI-G				
		EPA 6020B	KXS	9	PASI-G				
		EPA 8270E by SIM	TPO	20	PASI-G				
		EPA 8260	EIB	9	PASI-G				
40278319022	051424022	EPA 300.0	HMB	1	PASI-G				
		EPA 310.2	MT	1	PASI-G				
		EPA 353.2	MT	1	PASI-G				
		EPA 8270E by SIM	TPO	20	PASI-G				
		EPA 8260	EIB	5	PASI-G				
		40278319023	051424023	EPA 8270E by SIM	TPO	20	PASI-G		
				EPA 8260	EIB	5	PASI-G		
				40278319024	051424024	EPA 8270E by SIM	TPO	20	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40278319025	051424025	EPA 8260	EIB	5	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
40278319026	051424026	EPA 8260	EIB	5	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
40278319027	051424027	EPA 8260	EIB	5	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
40278319028	051524028	EPA 353.2	MT	1	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	5	PASI-G
40278319029	051524029	EPA 8260	EIB	9	PASI-G
40278319030	051524030	EPA 8260	EIB	9	PASI-G

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

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**Method:** EPA 8015B Modified

**Description:** Methane, Ethane, Ethene GCV

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

**Date:** June 03, 2024

**General Information:**

22 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: 474772

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40278319004

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

- MS (Lab ID: 2719296)
  - Methane
- MSD (Lab ID: 2719297)
  - Methane

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

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**Method:** EPA 6020B

**Description:** 6020B MET ICPMS, Dissolved

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

**Date:** June 03, 2024

### General Information:

21 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: 474540

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

• 051324001 (Lab ID: 40278319001)

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

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

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**Method:** EPA 6020B

**Description:** 6020B MET ICPMS, Dissolved

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

**Date:** June 03, 2024

Analyte Comments:

QC Batch: 474540

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

- 051324002 (Lab ID: 40278319002)

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

- 051324003 (Lab ID: 40278319003)

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

- 051324004 (Lab ID: 40278319004)

- Silver, Dissolved
- Aluminum, Dissolved
- Copper, Dissolved
- Iron, Dissolved
- Zinc, Dissolved

- 051324005 (Lab ID: 40278319005)

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

- 051324006 (Lab ID: 40278319006)

- Silver, Dissolved
- Aluminum, Dissolved
- Copper, Dissolved
- Vanadium, Dissolved
- Zinc, Dissolved

- 051424008 (Lab ID: 40278319008)

- Silver, Dissolved
- Aluminum, Dissolved
- Copper, Dissolved

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

---

**Method:** EPA 6020B

**Description:** 6020B MET ICPMS, Dissolved

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

**Date:** June 03, 2024

Analyte Comments:

QC Batch: 474540

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

- 051424008 (Lab ID: 40278319008)

- Iron, Dissolved
- Nickel, Dissolved
- Antimony, Dissolved
- Vanadium, Dissolved
- Zinc, Dissolved

- 051424009 (Lab ID: 40278319009)

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

- 051424010 (Lab ID: 40278319010)

- Silver, Dissolved
- Aluminum, Dissolved
- Copper, Dissolved
- Antimony, Dissolved
- Vanadium, Dissolved
- Zinc, Dissolved

- 051424011 (Lab ID: 40278319011)

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

- 051424012 (Lab ID: 40278319012)

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

- 051424013 (Lab ID: 40278319013)

- Silver, Dissolved
- Aluminum, Dissolved

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

---

**Method:** EPA 6020B

**Description:** 6020B MET ICPMS, Dissolved

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

**Date:** June 03, 2024

Analyte Comments:

QC Batch: 474540

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

- 051424013 (Lab ID: 40278319013)

- Copper, Dissolved
- Iron, Dissolved
- Antimony, Dissolved
- Vanadium, Dissolved
- Zinc, Dissolved

- 051424015 (Lab ID: 40278319015)

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

- 051424016 (Lab ID: 40278319016)

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

- 051424017 (Lab ID: 40278319017)

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

- 051424018 (Lab ID: 40278319018)

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

- 051424019 (Lab ID: 40278319019)

- Silver, Dissolved
- Aluminum, Dissolved
- Copper, Dissolved
- Nickel, Dissolved

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

---

**Method:** EPA 6020B

**Description:** 6020B MET ICPMS, Dissolved

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

**Date:** June 03, 2024

Analyte Comments:

QC Batch: 474540

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

- 051424019 (Lab ID: 40278319019)
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 051424020 (Lab ID: 40278319020)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Zinc, Dissolved
- 051424021 (Lab ID: 40278319021)
  - 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: 1940108087 Marinette Former MG

Pace Project No.: 40278319

---

**Method:** EPA 8270E by SIM

**Description:** 8270E MSSV PAH

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

**Date:** June 03, 2024

### General Information:

28 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: 474742

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

- 051424025 (Lab ID: 40278319025)
- Terphenyl-d14 (S)

### Method Blank:

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

QC Batch: 474742

B: Analyte was detected in the associated method blank.

- BLANK for HBN 474742 [OEXT/564 (Lab ID: 2719193)
- Naphthalene

### Laboratory Control Spike:

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

QC Batch: 474742

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

- LCS (Lab ID: 2719194)
- Dibenz(a,h)anthracene

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

---

**Method:** EPA 8270E by SIM

**Description:** 8270E MSSV PAH

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

**Date:** June 03, 2024

### Matrix Spikes:

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

QC Batch: 474563

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40278319004

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

- MS (Lab ID: 2717406)
  - 1-Methylnaphthalene
  - Acenaphthene
  - Fluoranthene
  - Naphthalene
- MSD (Lab ID: 2717407)
  - 1-Methylnaphthalene
  - Acenaphthene
  - Naphthalene

R1: RPD value was outside control limits.

- MSD (Lab ID: 2717407)
  - 1-Methylnaphthalene
  - Acenaphthene
  - Naphthalene

QC Batch: 474582

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

QC Batch: 474742

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40278395003

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

- MS (Lab ID: 2719195)
  - Dibenz(a,h)anthracene

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

- MS (Lab ID: 2719195)
  - 1-Methylnaphthalene
  - 2-Methylnaphthalene
  - Acenaphthene
  - Acenaphthylene
  - Anthracene
  - Benzo(g,h,i)perylene
  - Fluoranthene
  - Fluorene
  - Indeno(1,2,3-cd)pyrene
  - Naphthalene
  - Phenanthrene
- MSD (Lab ID: 2719196)
  - 1-Methylnaphthalene
  - Benzo(a)pyrene

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

---

**Method:** EPA 8270E by SIM

**Description:** 8270E MSSV PAH

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

**Date:** June 03, 2024

QC Batch: 474742

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40278395003

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

- Benzo(g,h,i)perylene
- Indeno(1,2,3-cd)pyrene
- Naphthalene
- Phenanthrene
- Pyrene

### Additional Comments:

Analyte Comments:

QC Batch: 474582

1q: Subsampled from poly container [BP3U].

- 051424023 (Lab ID: 40278319023)
- Naphthalene

QC Batch: 474742

2q: This sample was sub-sampled from a poly jar [BP3U1/1].

- 051424024 (Lab ID: 40278319024)
- Naphthalene
- 051424025 (Lab ID: 40278319025)
- Naphthalene
- 051424026 (Lab ID: 40278319026)
- Naphthalene
- 051424027 (Lab ID: 40278319027)
- Naphthalene
- 051524028 (Lab ID: 40278319028)
- Naphthalene

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

---

**Method:** EPA 8260

**Description:** 8260 MSV UST

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

**Date:** June 03, 2024

### General Information:

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

### Hold Time:

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

### Initial Calibrations (including MS Tune as applicable):

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

### Continuing Calibration:

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

### Internal Standards:

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

### Surrogates:

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

### Method Blank:

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

### Laboratory Control Spike:

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

### Matrix Spikes:

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

QC Batch: 474600

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40278319004

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

- MS (Lab ID: 2717730)
  - Benzene
  - o-Xylene
- MSD (Lab ID: 2717731)
  - Benzene
  - o-Xylene

### Additional Comments:

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

---

**Method:** EPA 8260

**Description:** 8260 MSV UST

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

**Date:** June 03, 2024

Analyte Comments:

QC Batch: 474557

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

- 051424021 (Lab ID: 40278319021)
- Toluene-d8 (S)

QC Batch: 474598

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

- 051424025 (Lab ID: 40278319025)
- Toluene-d8 (S)

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

---

**Method:** EPA 300.0

**Description:** 300.0 IC Anions

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

**Date:** June 03, 2024

### General Information:

21 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: 474968

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40278269001,40278319004

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

- MS (Lab ID: 2720124)
  - Sulfate
- MSD (Lab ID: 2720125)
  - Sulfate

### Additional Comments:

Analyte Comments:

QC Batch: 474985

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

- 051424016 (Lab ID: 40278319016)
  - Sulfate
- 051424017 (Lab ID: 40278319017)
  - Sulfate
- 051424018 (Lab ID: 40278319018)
  - Sulfate
- 051424019 (Lab ID: 40278319019)
  - Sulfate

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

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**Method:** EPA 310.2

**Description:** 310.2 Alkalinity

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

**Date:** June 03, 2024

### General Information:

21 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: 474762

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40278155001,40278319004

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

- MS (Lab ID: 2719258)
  - Alkalinity, Total as CaCO<sub>3</sub>
- MSD (Lab ID: 2719259)
  - Alkalinity, Total as CaCO<sub>3</sub>

R1: RPD value was outside control limits.

- MSD (Lab ID: 2719259)
  - Alkalinity, Total as CaCO<sub>3</sub>

### Additional Comments:

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## PROJECT NARRATIVE

Project: 1940108087 Marinette Former MG  
Pace Project No.: 40278319

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**Method:** EPA 353.2  
**Description:** 353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.  
**Client:** O'Brien & Gere Engineers, Inc Integrys WI  
**Date:** June 03, 2024

### General Information:

21 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: 474561

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40278319018,40278324001

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

- MS (Lab ID: 2717396)
  - Nitrogen, NO<sub>2</sub> plus NO<sub>3</sub>
- MSD (Lab ID: 2717397)
  - Nitrogen, NO<sub>2</sub> plus NO<sub>3</sub>

QC Batch: 475215

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40278319004,40278397012

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

- MS (Lab ID: 2721751)
  - Nitrogen, NO<sub>2</sub> plus NO<sub>3</sub>

### 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: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051324001 Lab ID: 40278319001 Collected: 05/13/24 11:43 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		05/20/24 10:49	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 05:19	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 05:19	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 05:19	7440-50-8	D3
Iron, Dissolved	129J	ug/L	500	116	2	05/16/24 05:37	05/24/24 05:19	7439-89-6	D3
Manganese, Dissolved	<2.4	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 05:19	7439-96-5	D3
Nickel, Dissolved	1.1J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 05:19	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 05:19	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 05:19	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 05:19	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	<0.014	ug/L	0.050	0.014	1	05/16/24 09:18	05/16/24 21:13	83-32-9	
Acenaphthylene	<0.013	ug/L	0.050	0.013	1	05/16/24 09:18	05/16/24 21:13	208-96-8	
Anthracene	<0.019	ug/L	0.050	0.019	1	05/16/24 09:18	05/16/24 21:13	120-12-7	
Benzo(a)anthracene	<0.014	ug/L	0.050	0.014	1	05/16/24 09:18	05/16/24 21:13	56-55-3	
Benzo(a)pyrene	<0.013	ug/L	0.050	0.013	1	05/16/24 09:18	05/16/24 21:13	50-32-8	
Benzo(b)fluoranthene	<0.0091	ug/L	0.050	0.0091	1	05/16/24 09:18	05/16/24 21:13	205-99-2	
Benzo(g,h,i)perylene	<0.023	ug/L	0.050	0.023	1	05/16/24 09:18	05/16/24 21:13	191-24-2	
Benzo(k)fluoranthene	<0.022	ug/L	0.050	0.022	1	05/16/24 09:18	05/16/24 21:13	207-08-9	
Chrysene	<0.013	ug/L	0.050	0.013	1	05/16/24 09:18	05/16/24 21:13	218-01-9	
Dibenz(a,h)anthracene	<0.018	ug/L	0.050	0.018	1	05/16/24 09:18	05/16/24 21:13	53-70-3	
Fluoranthene	<0.026	ug/L	0.050	0.026	1	05/16/24 09:18	05/16/24 21:13	206-44-0	
Fluorene	<0.024	ug/L	0.050	0.024	1	05/16/24 09:18	05/16/24 21:13	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.016	ug/L	0.050	0.016	1	05/16/24 09:18	05/16/24 21:13	193-39-5	
1-Methylnaphthalene	<0.018	ug/L	0.050	0.018	1	05/16/24 09:18	05/16/24 21:13	90-12-0	
2-Methylnaphthalene	<0.014	ug/L	0.050	0.014	1	05/16/24 09:18	05/16/24 21:13	91-57-6	
Naphthalene	<0.020	ug/L	0.050	0.020	1	05/16/24 09:18	05/16/24 21:13	91-20-3	
Phenanthrene	<0.026	ug/L	0.050	0.026	1	05/16/24 09:18	05/16/24 21:13	85-01-8	
Pyrene	<0.023	ug/L	0.050	0.023	1	05/16/24 09:18	05/16/24 21:13	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	38-120		1	05/16/24 09:18	05/16/24 21:13	321-60-8	
Terphenyl-d14 (S)	64	%	47-121		1	05/16/24 09:18	05/16/24 21:13	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 21:57	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 21:57	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 21:57	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 21:57	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 21:57	179601-23-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051324001 Lab ID: 40278319001 Collected: 05/13/24 11:43 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 21:57	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 21:57	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/17/24 21:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		05/17/24 21:57	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	58.8	mg/L	2.0	0.44	1		05/22/24 21:17	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	284	mg/L	25.0	7.4	1		05/20/24 15:06		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	5.0	mg/L	0.25	0.059	1		05/16/24 11:41		

Sample: 051324002 Lab ID: 40278319002 Collected: 05/13/24 12:36 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		05/20/24 10:56	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 05:30	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 05:30	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 05:30	7440-50-8	D3
Iron, Dissolved	<116	ug/L	500	116	2	05/16/24 05:37	05/24/24 05:30	7439-89-6	D3
Manganese, Dissolved	67.9	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 05:30	7439-96-5	
Nickel, Dissolved	0.82J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 05:30	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 05:30	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 05:30	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 05:30	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.014	ug/L	0.050	0.014	1	05/16/24 09:18	05/16/24 21:31	83-32-9	
Acenaphthylene	0.028J	ug/L	0.050	0.013	1	05/16/24 09:18	05/16/24 21:31	208-96-8	
Anthracene	0.020J	ug/L	0.050	0.018	1	05/16/24 09:18	05/16/24 21:31	120-12-7	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Project No.: 40278319

Sample: 051324002 Lab ID: 40278319002 Collected: 05/13/24 12:36 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	0.048J	ug/L	0.050	0.014	1	05/16/24 09:18	05/16/24 21:31	56-55-3	
Benzo(a)pyrene	0.066	ug/L	0.050	0.013	1	05/16/24 09:18	05/16/24 21:31	50-32-8	
Benzo(b)fluoranthene	0.070	ug/L	0.050	0.0091	1	05/16/24 09:18	05/16/24 21:31	205-99-2	
Benzo(g,h,i)perylene	0.052	ug/L	0.050	0.023	1	05/16/24 09:18	05/16/24 21:31	191-24-2	
Benzo(k)fluoranthene	0.027J	ug/L	0.050	0.022	1	05/16/24 09:18	05/16/24 21:31	207-08-9	
Chrysene	0.045J	ug/L	0.050	0.013	1	05/16/24 09:18	05/16/24 21:31	218-01-9	
Dibenz(a,h)anthracene	<0.018	ug/L	0.050	0.018	1	05/16/24 09:18	05/16/24 21:31	53-70-3	
Fluoranthene	0.064	ug/L	0.050	0.026	1	05/16/24 09:18	05/16/24 21:31	206-44-0	
Fluorene	<0.023	ug/L	0.050	0.023	1	05/16/24 09:18	05/16/24 21:31	86-73-7	
Indeno(1,2,3-cd)pyrene	0.047J	ug/L	0.050	0.015	1	05/16/24 09:18	05/16/24 21:31	193-39-5	
1-Methylnaphthalene	<0.018	ug/L	0.050	0.018	1	05/16/24 09:18	05/16/24 21:31	90-12-0	
2-Methylnaphthalene	<0.014	ug/L	0.050	0.014	1	05/16/24 09:18	05/16/24 21:31	91-57-6	
Naphthalene	<0.020	ug/L	0.050	0.020	1	05/16/24 09:18	05/16/24 21:31	91-20-3	
Phenanthrene	<0.025	ug/L	0.050	0.025	1	05/16/24 09:18	05/16/24 21:31	85-01-8	
Pyrene	0.050	ug/L	0.050	0.023	1	05/16/24 09:18	05/16/24 21:31	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	71	%	38-120		1	05/16/24 09:18	05/16/24 21:31	321-60-8	
Terphenyl-d14 (S)	67	%	47-121		1	05/16/24 09:18	05/16/24 21:31	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 22:14	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 22:14	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 22:14	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 22:14	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 22:14	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 22:14	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 22:14	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/17/24 22:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/17/24 22:14	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	49.9	mg/L	2.0	0.44	1		05/22/24 21:32	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	230	mg/L	25.0	7.4	1		05/20/24 15:07		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.22J	mg/L	0.25	0.059	1		05/16/24 11:42		

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051324003 Lab ID: 40278319003 Collected: 05/13/24 13:25 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		05/20/24 11:03	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 05:35	7429-90-5	D3
Antimony, Dissolved	0.40J	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 05:35	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 05:35	7440-50-8	D3
Iron, Dissolved	<116	ug/L	500	116	2	05/16/24 05:37	05/24/24 05:35	7439-89-6	D3
Manganese, Dissolved	<2.4	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 05:35	7439-96-5	D3
Nickel, Dissolved	1.3J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 05:35	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 05:35	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 05:35	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 05:35	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	<0.014	ug/L	0.051	0.014	1	05/16/24 09:18	05/16/24 20:55	83-32-9	
Acenaphthylene	0.033J	ug/L	0.051	0.013	1	05/16/24 09:18	05/16/24 20:55	208-96-8	
Anthracene	0.023J	ug/L	0.051	0.019	1	05/16/24 09:18	05/16/24 20:55	120-12-7	
Benzo(a)anthracene	0.049J	ug/L	0.051	0.014	1	05/16/24 09:18	05/16/24 20:55	56-55-3	
Benzo(a)pyrene	0.077	ug/L	0.051	0.013	1	05/16/24 09:18	05/16/24 20:55	50-32-8	
Benzo(b)fluoranthene	0.079	ug/L	0.051	0.0092	1	05/16/24 09:18	05/16/24 20:55	205-99-2	
Benzo(g,h,i)perylene	0.060	ug/L	0.051	0.024	1	05/16/24 09:18	05/16/24 20:55	191-24-2	
Benzo(k)fluoranthene	0.028J	ug/L	0.051	0.023	1	05/16/24 09:18	05/16/24 20:55	207-08-9	
Chrysene	0.044J	ug/L	0.051	0.013	1	05/16/24 09:18	05/16/24 20:55	218-01-9	
Dibenz(a,h)anthracene	<0.018	ug/L	0.051	0.018	1	05/16/24 09:18	05/16/24 20:55	53-70-3	
Fluoranthene	0.071	ug/L	0.051	0.026	1	05/16/24 09:18	05/16/24 20:55	206-44-0	
Fluorene	<0.024	ug/L	0.051	0.024	1	05/16/24 09:18	05/16/24 20:55	86-73-7	
Indeno(1,2,3-cd)pyrene	0.058	ug/L	0.051	0.016	1	05/16/24 09:18	05/16/24 20:55	193-39-5	
1-Methylnaphthalene	<0.018	ug/L	0.051	0.018	1	05/16/24 09:18	05/16/24 20:55	90-12-0	
2-Methylnaphthalene	<0.014	ug/L	0.051	0.014	1	05/16/24 09:18	05/16/24 20:55	91-57-6	
Naphthalene	<0.020	ug/L	0.051	0.020	1	05/16/24 09:18	05/16/24 20:55	91-20-3	
Phenanthrene	<0.026	ug/L	0.051	0.026	1	05/16/24 09:18	05/16/24 20:55	85-01-8	
Pyrene	0.052	ug/L	0.051	0.023	1	05/16/24 09:18	05/16/24 20:55	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	38-120		1	05/16/24 09:18	05/16/24 20:55	321-60-8	
Terphenyl-d14 (S)	63	%	47-121		1	05/16/24 09:18	05/16/24 20:55	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 22:30	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 22:30	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 22:30	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 22:30	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 22:30	179601-23-1	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051324003 Lab ID: 40278319003 Collected: 05/13/24 13:25 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 22:30	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 22:30	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/17/24 22:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/17/24 22:30	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	80.9	mg/L	20.0	4.4	10		05/23/24 12:42	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	246	mg/L	25.0	7.4	1		05/20/24 15:08		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	4.0	mg/L	0.25	0.059	1		05/16/24 11:43		

Sample: 051324004 Lab ID: 40278319004 Collected: 05/13/24 14:22 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Methane	690	ug/L	28.0	5.8	10		05/20/24 14:09	74-82-8	M1
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 04:58	7429-90-5	D3
Antimony, Dissolved	3.2	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 04:58	7440-36-0	
Copper, Dissolved	5.5J	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 04:58	7440-50-8	D3
Iron, Dissolved	166J	ug/L	500	116	2	05/16/24 05:37	05/24/24 04:58	7439-89-6	D3
Manganese, Dissolved	713	ug/L	81.0	24.3	20	05/16/24 05:37	05/28/24 12:36	7439-96-5	
Nickel, Dissolved	2.5	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 04:58	7440-02-0	
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 04:58	7440-22-4	D3
Vanadium, Dissolved	2.7	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 04:58	7440-62-2	
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 04:58	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Acenaphthene	1.8	ug/L	0.50	0.14	10	05/16/24 09:18	05/17/24 01:11	83-32-9	M1, R1
Acenaphthylene	<0.13	ug/L	0.50	0.13	10	05/16/24 09:18	05/17/24 01:11	208-96-8	
Anthracene	<0.18	ug/L	0.50	0.18	10	05/16/24 09:18	05/17/24 01:11	120-12-7	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Project No.: 40278319

Sample: 051324004 Lab ID: 40278319004 Collected: 05/13/24 14:22 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	<0.14	ug/L	0.50	0.14	10	05/16/24 09:18	05/17/24 01:11	56-55-3	
Benzo(a)pyrene	<0.13	ug/L	0.50	0.13	10	05/16/24 09:18	05/17/24 01:11	50-32-8	
Benzo(b)fluoranthene	0.099J	ug/L	0.50	0.091	10	05/16/24 09:18	05/17/24 01:11	205-99-2	
Benzo(g,h,i)perylene	<0.23	ug/L	0.50	0.23	10	05/16/24 09:18	05/17/24 01:11	191-24-2	
Benzo(k)fluoranthene	<0.22	ug/L	0.50	0.22	10	05/16/24 09:18	05/17/24 01:11	207-08-9	
Chrysene	<0.13	ug/L	0.50	0.13	10	05/16/24 09:18	05/17/24 01:11	218-01-9	
Dibenz(a,h)anthracene	<0.18	ug/L	0.50	0.18	10	05/16/24 09:18	05/17/24 01:11	53-70-3	
Fluoranthene	<0.26	ug/L	0.50	0.26	10	05/16/24 09:18	05/17/24 01:11	206-44-0	M1
Fluorene	<0.23	ug/L	0.50	0.23	10	05/16/24 09:18	05/17/24 01:11	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.15	ug/L	0.50	0.15	10	05/16/24 09:18	05/17/24 01:11	193-39-5	
1-Methylnaphthalene	2.2	ug/L	0.50	0.18	10	05/16/24 09:18	05/17/24 01:11	90-12-0	M1,R1
2-Methylnaphthalene	<0.14	ug/L	0.50	0.14	10	05/16/24 09:18	05/17/24 01:11	91-57-6	
Naphthalene	56.2	ug/L	0.50	0.20	10	05/16/24 09:18	05/17/24 01:11	91-20-3	M1,R1
Phenanthrene	<0.26	ug/L	0.50	0.26	10	05/16/24 09:18	05/17/24 01:11	85-01-8	
Pyrene	<0.23	ug/L	0.50	0.23	10	05/16/24 09:18	05/17/24 01:11	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	50	%	38-120		10	05/16/24 09:18	05/17/24 01:11	321-60-8	
Terphenyl-d14 (S)	55	%	47-121		10	05/16/24 09:18	05/17/24 01:11	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	72.8	ug/L	1.0	0.30	1		05/17/24 19:29	71-43-2	M1
Ethylbenzene	0.50J	ug/L	1.0	0.33	1		05/17/24 19:29	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 19:29	108-88-3	
Xylene (Total)	18.8	ug/L	3.0	1.0	1		05/17/24 19:29	1330-20-7	MS
m&p-Xylene	6.9	ug/L	2.0	0.70	1		05/17/24 19:29	179601-23-1	
o-Xylene	11.9	ug/L	1.0	0.35	1		05/17/24 19:29	95-47-6	M1
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 19:29	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/17/24 19:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/17/24 19:29	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	45.7	mg/L	10.0	2.2	5		05/23/24 12:57	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	501	mg/L	50.0	14.9	2		05/20/24 15:35		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.085J	mg/L	0.25	0.059	1		05/24/24 09:05		

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051324005 Lab ID: 40278319005 Collected: 05/13/24 15:40 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	483	ug/L	28.0	5.8	10		05/20/24 14:15	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 05:51	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 05:51	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 05:51	7440-50-8	D3
Iron, Dissolved	9460	ug/L	500	116	2	05/16/24 05:37	05/24/24 05:51	7439-89-6	
Manganese, Dissolved	701	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 05:51	7439-96-5	
Nickel, Dissolved	1.1J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 05:51	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 05:51	7440-22-4	D3
Vanadium, Dissolved	1.6J	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 05:51	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 05:51	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.15	ug/L	0.049	0.014	1	05/16/24 13:30	05/16/24 21:50	83-32-9	
Acenaphthylene	0.021J	ug/L	0.049	0.012	1	05/16/24 13:30	05/16/24 21:50	208-96-8	
Anthracene	0.043J	ug/L	0.049	0.018	1	05/16/24 13:30	05/16/24 21:50	120-12-7	
Benzo(a)anthracene	0.017J	ug/L	0.049	0.013	1	05/16/24 13:30	05/16/24 21:50	56-55-3	B
Benzo(a)pyrene	<0.013	ug/L	0.049	0.013	1	05/16/24 13:30	05/16/24 21:50	50-32-8	
Benzo(b)fluoranthene	0.018J	ug/L	0.049	0.0090	1	05/16/24 13:30	05/16/24 21:50	205-99-2	
Benzo(g,h,i)perylene	<0.023	ug/L	0.049	0.023	1	05/16/24 13:30	05/16/24 21:50	191-24-2	
Benzo(k)fluoranthene	<0.022	ug/L	0.049	0.022	1	05/16/24 13:30	05/16/24 21:50	207-08-9	
Chrysene	0.017J	ug/L	0.049	0.012	1	05/16/24 13:30	05/16/24 21:50	218-01-9	B
Dibenz(a,h)anthracene	<0.018	ug/L	0.049	0.018	1	05/16/24 13:30	05/16/24 21:50	53-70-3	
Fluoranthene	0.035J	ug/L	0.049	0.026	1	05/16/24 13:30	05/16/24 21:50	206-44-0	
Fluorene	<0.023	ug/L	0.049	0.023	1	05/16/24 13:30	05/16/24 21:50	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.015	ug/L	0.049	0.015	1	05/16/24 13:30	05/16/24 21:50	193-39-5	
1-Methylnaphthalene	<0.018	ug/L	0.049	0.018	1	05/16/24 13:30	05/16/24 21:50	90-12-0	
2-Methylnaphthalene	<0.014	ug/L	0.049	0.014	1	05/16/24 13:30	05/16/24 21:50	91-57-6	
Naphthalene	<0.020	ug/L	0.049	0.020	1	05/16/24 13:30	05/16/24 21:50	91-20-3	
Phenanthrene	0.036J	ug/L	0.049	0.025	1	05/16/24 13:30	05/16/24 21:50	85-01-8	
Pyrene	0.057	ug/L	0.049	0.022	1	05/16/24 13:30	05/16/24 21:50	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	38-120		1	05/16/24 13:30	05/16/24 21:50	321-60-8	
Terphenyl-d14 (S)	69	%	47-121		1	05/16/24 13:30	05/16/24 21:50	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 19:45	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 19:45	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 19:45	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 19:45	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 19:45	179601-23-1	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051324005 Lab ID: 40278319005 Collected: 05/13/24 15:40 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 19:45	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 19:45	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/17/24 19:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		05/17/24 19:45	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	137	mg/L	10.0	2.2	5		05/22/24 22:46	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	357	mg/L	25.0	7.4	1		05/20/24 15:15		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		05/16/24 11:51		

Sample: 051324006 Lab ID: 40278319006 Collected: 05/13/24 16:25 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	819	ug/L	28.0	5.8	10		05/20/24 14:22	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 05:56	7429-90-5	D3
Antimony, Dissolved	2.7	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 05:56	7440-36-0	
Copper, Dissolved	6.1J	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 05:56	7440-50-8	D3
Iron, Dissolved	1690	ug/L	500	116	2	05/16/24 05:37	05/24/24 05:56	7439-89-6	
Manganese, Dissolved	250	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 05:56	7439-96-5	
Nickel, Dissolved	2.9	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 05:56	7440-02-0	
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 05:56	7440-22-4	D3
Vanadium, Dissolved	1.9J	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 05:56	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 05:56	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.061	ug/L	0.048	0.013	1	05/16/24 13:30	05/16/24 22:08	83-32-9	
Acenaphthylene	0.014J	ug/L	0.048	0.012	1	05/16/24 13:30	05/16/24 22:08	208-96-8	
Anthracene	0.033J	ug/L	0.048	0.018	1	05/16/24 13:30	05/16/24 22:08	120-12-7	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Project No.: 40278319

Sample: 051324006 Lab ID: 40278319006 Collected: 05/13/24 16:25 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	0.014J	ug/L	0.048	0.013	1	05/16/24 13:30	05/16/24 22:08	56-55-3	B
Benzo(a)pyrene	<0.012	ug/L	0.048	0.012	1	05/16/24 13:30	05/16/24 22:08	50-32-8	
Benzo(b)fluoranthene	0.021J	ug/L	0.048	0.0087	1	05/16/24 13:30	05/16/24 22:08	205-99-2	
Benzo(g,h,i)perylene	<0.022	ug/L	0.048	0.022	1	05/16/24 13:30	05/16/24 22:08	191-24-2	
Benzo(k)fluoranthene	<0.021	ug/L	0.048	0.021	1	05/16/24 13:30	05/16/24 22:08	207-08-9	
Chrysene	<0.012	ug/L	0.048	0.012	1	05/16/24 13:30	05/16/24 22:08	218-01-9	B
Dibenz(a,h)anthracene	<0.017	ug/L	0.048	0.017	1	05/16/24 13:30	05/16/24 22:08	53-70-3	
Fluoranthene	0.038J	ug/L	0.048	0.025	1	05/16/24 13:30	05/16/24 22:08	206-44-0	
Fluorene	0.023J	ug/L	0.048	0.022	1	05/16/24 13:30	05/16/24 22:08	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.015	ug/L	0.048	0.015	1	05/16/24 13:30	05/16/24 22:08	193-39-5	
1-Methylnaphthalene	0.024J	ug/L	0.048	0.017	1	05/16/24 13:30	05/16/24 22:08	90-12-0	
2-Methylnaphthalene	<0.013	ug/L	0.048	0.013	1	05/16/24 13:30	05/16/24 22:08	91-57-6	
Naphthalene	<0.019	ug/L	0.048	0.019	1	05/16/24 13:30	05/16/24 22:08	91-20-3	
Phenanthrene	<0.024	ug/L	0.048	0.024	1	05/16/24 13:30	05/16/24 22:08	85-01-8	
Pyrene	0.030J	ug/L	0.048	0.022	1	05/16/24 13:30	05/16/24 22:08	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	38-120		1	05/16/24 13:30	05/16/24 22:08	321-60-8	
Terphenyl-d14 (S)	65	%	47-121		1	05/16/24 13:30	05/16/24 22:08	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 20:02	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 20:02	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 20:02	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 20:02	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 20:02	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 20:02	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 20:02	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/17/24 20:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		05/17/24 20:02	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	10.1	mg/L	2.0	0.44	1		05/22/24 23:01	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	246	mg/L	25.0	7.4	1		05/20/24 15:16		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.66	mg/L	0.25	0.059	1		05/16/24 11:52		

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051324007 Lab ID: 40278319007 Collected: 05/13/24 16:40 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		05/20/24 11:30	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<58.7	ug/L	250	58.7	1	05/16/24 05:37	05/24/24 06:02	7429-90-5	
Antimony, Dissolved	<0.15	ug/L	1.0	0.15	1	05/16/24 05:37	05/24/24 06:02	7440-36-0	
Copper, Dissolved	<1.9	ug/L	6.4	1.9	1	05/16/24 05:37	05/24/24 06:02	7440-50-8	
Iron, Dissolved	<58.0	ug/L	250	58.0	1	05/16/24 05:37	05/24/24 06:02	7439-89-6	
Manganese, Dissolved	<1.2	ug/L	4.0	1.2	1	05/16/24 05:37	05/24/24 06:02	7439-96-5	
Nickel, Dissolved	<0.28	ug/L	1.0	0.28	1	05/16/24 05:37	05/24/24 06:02	7440-02-0	
Silver, Dissolved	<0.13	ug/L	0.50	0.13	1	05/16/24 05:37	05/24/24 06:02	7440-22-4	
Vanadium, Dissolved	<0.32	ug/L	1.0	0.32	1	05/16/24 05:37	05/24/24 06:02	7440-62-2	
Zinc, Dissolved	<10.3	ug/L	34.4	10.3	1	05/16/24 05:37	05/24/24 06:02	7440-66-6	
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	<0.012	ug/L	0.044	0.012	1	05/16/24 13:30	05/16/24 22:26	83-32-9	
Acenaphthylene	<0.011	ug/L	0.044	0.011	1	05/16/24 13:30	05/16/24 22:26	208-96-8	
Anthracene	<0.016	ug/L	0.044	0.016	1	05/16/24 13:30	05/16/24 22:26	120-12-7	
Benzo(a)anthracene	<0.012	ug/L	0.044	0.012	1	05/16/24 13:30	05/16/24 22:26	56-55-3	
Benzo(a)pyrene	<0.011	ug/L	0.044	0.011	1	05/16/24 13:30	05/16/24 22:26	50-32-8	
Benzo(b)fluoranthene	<0.0081	ug/L	0.044	0.0081	1	05/16/24 13:30	05/16/24 22:26	205-99-2	
Benzo(g,h,i)perylene	<0.021	ug/L	0.044	0.021	1	05/16/24 13:30	05/16/24 22:26	191-24-2	
Benzo(k)fluoranthene	<0.020	ug/L	0.044	0.020	1	05/16/24 13:30	05/16/24 22:26	207-08-9	
Chrysene	<0.011	ug/L	0.044	0.011	1	05/16/24 13:30	05/16/24 22:26	218-01-9	
Dibenz(a,h)anthracene	<0.016	ug/L	0.044	0.016	1	05/16/24 13:30	05/16/24 22:26	53-70-3	
Fluoranthene	<0.023	ug/L	0.044	0.023	1	05/16/24 13:30	05/16/24 22:26	206-44-0	
Fluorene	<0.021	ug/L	0.044	0.021	1	05/16/24 13:30	05/16/24 22:26	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.014	ug/L	0.044	0.014	1	05/16/24 13:30	05/16/24 22:26	193-39-5	
1-Methylnaphthalene	<0.016	ug/L	0.044	0.016	1	05/16/24 13:30	05/16/24 22:26	90-12-0	
2-Methylnaphthalene	<0.012	ug/L	0.044	0.012	1	05/16/24 13:30	05/16/24 22:26	91-57-6	
Naphthalene	<0.018	ug/L	0.044	0.018	1	05/16/24 13:30	05/16/24 22:26	91-20-3	
Phenanthrene	<0.023	ug/L	0.044	0.023	1	05/16/24 13:30	05/16/24 22:26	85-01-8	
Pyrene	<0.020	ug/L	0.044	0.020	1	05/16/24 13:30	05/16/24 22:26	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	38-120		1	05/16/24 13:30	05/16/24 22:26	321-60-8	
Terphenyl-d14 (S)	69	%	47-121		1	05/16/24 13:30	05/16/24 22:26	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 22:47	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 22:47	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 22:47	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 22:47	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 22:47	179601-23-1	

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### ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051324007 Lab ID: 40278319007 Collected: 05/13/24 16:40 Received: 05/15/24 10:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 22:47	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 22:47	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/17/24 22:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/17/24 22:47	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	<0.44	mg/L	2.0	0.44	1		05/22/24 23:16	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<7.4	mg/L	25.0	7.4	1		05/20/24 15:17		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		05/16/24 11:52		

Sample: 051424008 Lab ID: 40278319008 Collected: 05/14/24 07:50 Received: 05/15/24 10:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		05/20/24 11:37	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 06:07	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 06:07	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 06:07	7440-50-8	D3
Iron, Dissolved	<116	ug/L	500	116	2	05/16/24 05:37	05/24/24 06:07	7439-89-6	D3
Manganese, Dissolved	549	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 06:07	7439-96-5	
Nickel, Dissolved	1.5J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 06:07	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 06:07	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 06:07	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 06:07	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	<0.013	ug/L	0.048	0.013	1	05/16/24 13:30	05/16/24 23:03	83-32-9	
Acenaphthylene	<0.012	ug/L	0.048	0.012	1	05/16/24 13:30	05/16/24 23:03	208-96-8	
Anthracene	<0.018	ug/L	0.048	0.018	1	05/16/24 13:30	05/16/24 23:03	120-12-7	

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### ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Sample Project No.: 40278319

**Sample: 051424008**      **Lab ID: 40278319008**      Collected: 05/14/24 07:50      Received: 05/15/24 10:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM      Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	<0.013	ug/L	0.048	0.013	1	05/16/24 13:30	05/16/24 23:03	56-55-3	
Benzo(a)pyrene	<0.012	ug/L	0.048	0.012	1	05/16/24 13:30	05/16/24 23:03	50-32-8	
Benzo(b)fluoranthene	0.012J	ug/L	0.048	0.0087	1	05/16/24 13:30	05/16/24 23:03	205-99-2	
Benzo(g,h,i)perylene	<0.022	ug/L	0.048	0.022	1	05/16/24 13:30	05/16/24 23:03	191-24-2	
Benzo(k)fluoranthene	<0.021	ug/L	0.048	0.021	1	05/16/24 13:30	05/16/24 23:03	207-08-9	
Chrysene	<0.012	ug/L	0.048	0.012	1	05/16/24 13:30	05/16/24 23:03	218-01-9	
Dibenz(a,h)anthracene	<0.017	ug/L	0.048	0.017	1	05/16/24 13:30	05/16/24 23:03	53-70-3	
Fluoranthene	<0.025	ug/L	0.048	0.025	1	05/16/24 13:30	05/16/24 23:03	206-44-0	
Fluorene	<0.023	ug/L	0.048	0.023	1	05/16/24 13:30	05/16/24 23:03	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.015	ug/L	0.048	0.015	1	05/16/24 13:30	05/16/24 23:03	193-39-5	
1-Methylnaphthalene	<0.017	ug/L	0.048	0.017	1	05/16/24 13:30	05/16/24 23:03	90-12-0	
2-Methylnaphthalene	<0.013	ug/L	0.048	0.013	1	05/16/24 13:30	05/16/24 23:03	91-57-6	
Naphthalene	0.034J	ug/L	0.048	0.019	1	05/16/24 13:30	05/16/24 23:03	91-20-3	
Phenanthrene	<0.025	ug/L	0.048	0.025	1	05/16/24 13:30	05/16/24 23:03	85-01-8	
Pyrene	<0.022	ug/L	0.048	0.022	1	05/16/24 13:30	05/16/24 23:03	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	38-120		1	05/16/24 13:30	05/16/24 23:03	321-60-8	
Terphenyl-d14 (S)	70	%	47-121		1	05/16/24 13:30	05/16/24 23:03	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 23:03	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 23:03	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 23:03	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 23:03	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 23:03	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 23:03	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	102	%	70-130		1		05/17/24 23:03	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/17/24 23:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		05/17/24 23:03	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	83.7	mg/L	10.0	2.2	5		05/23/24 13:41	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	242	mg/L	25.0	7.4	1		05/20/24 15:18		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.7	mg/L	0.25	0.059	1		05/16/24 11:53		

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424009 Lab ID: 40278319009 Collected: 05/14/24 07:55 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		05/20/24 11:44	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 06:12	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 06:12	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 06:12	7440-50-8	D3
Iron, Dissolved	<116	ug/L	500	116	2	05/16/24 05:37	05/24/24 06:12	7439-89-6	D3
Manganese, Dissolved	555	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 06:12	7439-96-5	
Nickel, Dissolved	1.2J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 06:12	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 06:12	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 06:12	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 06:12	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	<0.014	ug/L	0.050	0.014	1	05/16/24 13:30	05/16/24 23:21	83-32-9	
Acenaphthylene	<0.013	ug/L	0.050	0.013	1	05/16/24 13:30	05/16/24 23:21	208-96-8	
Anthracene	<0.018	ug/L	0.050	0.018	1	05/16/24 13:30	05/16/24 23:21	120-12-7	
Benzo(a)anthracene	<0.014	ug/L	0.050	0.014	1	05/16/24 13:30	05/16/24 23:21	56-55-3	
Benzo(a)pyrene	<0.013	ug/L	0.050	0.013	1	05/16/24 13:30	05/16/24 23:21	50-32-8	
Benzo(b)fluoranthene	0.017J	ug/L	0.050	0.0090	1	05/16/24 13:30	05/16/24 23:21	205-99-2	
Benzo(g,h,i)perylene	<0.023	ug/L	0.050	0.023	1	05/16/24 13:30	05/16/24 23:21	191-24-2	
Benzo(k)fluoranthene	<0.022	ug/L	0.050	0.022	1	05/16/24 13:30	05/16/24 23:21	207-08-9	
Chrysene	<0.013	ug/L	0.050	0.013	1	05/16/24 13:30	05/16/24 23:21	218-01-9	
Dibenz(a,h)anthracene	<0.018	ug/L	0.050	0.018	1	05/16/24 13:30	05/16/24 23:21	53-70-3	
Fluoranthene	<0.026	ug/L	0.050	0.026	1	05/16/24 13:30	05/16/24 23:21	206-44-0	
Fluorene	<0.023	ug/L	0.050	0.023	1	05/16/24 13:30	05/16/24 23:21	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.015	ug/L	0.050	0.015	1	05/16/24 13:30	05/16/24 23:21	193-39-5	
1-Methylnaphthalene	<0.018	ug/L	0.050	0.018	1	05/16/24 13:30	05/16/24 23:21	90-12-0	
2-Methylnaphthalene	<0.014	ug/L	0.050	0.014	1	05/16/24 13:30	05/16/24 23:21	91-57-6	
Naphthalene	0.024J	ug/L	0.050	0.020	1	05/16/24 13:30	05/16/24 23:21	91-20-3	
Phenanthrene	<0.025	ug/L	0.050	0.025	1	05/16/24 13:30	05/16/24 23:21	85-01-8	
Pyrene	<0.022	ug/L	0.050	0.022	1	05/16/24 13:30	05/16/24 23:21	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	38-120		1	05/16/24 13:30	05/16/24 23:21	321-60-8	
Terphenyl-d14 (S)	69	%	47-121		1	05/16/24 13:30	05/16/24 23:21	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 23:20	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 23:20	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 23:20	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 23:20	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 23:20	179601-23-1	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424009 Lab ID: 40278319009 Collected: 05/14/24 07:55 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 23:20	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	102	%	70-130		1		05/17/24 23:20	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/17/24 23:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		05/17/24 23:20	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	81.1	mg/L	10.0	2.2	5		05/23/24 13:56	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	241	mg/L	25.0	7.4	1		05/20/24 15:19		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.7	mg/L	0.25	0.059	1		05/16/24 11:54		

Sample: 051424010 Lab ID: 40278319010 Collected: 05/14/24 08:50 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	30.9	ug/L	2.8	0.58	1		05/20/24 11:51	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 06:18	7429-90-5	D3
Antimony, Dissolved	0.31J	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 06:18	7440-36-0	D3
Copper, Dissolved	<19.1	ug/L	63.5	19.1	10	05/16/24 05:37	05/24/24 11:17	7440-50-8	D3
Iron, Dissolved	3740	ug/L	2500	580	10	05/16/24 05:37	05/24/24 11:17	7439-89-6	
Manganese, Dissolved	2190	ug/L	40.5	12.2	10	05/16/24 05:37	05/24/24 11:17	7439-96-5	
Nickel, Dissolved	12.7	ug/L	10.0	2.8	10	05/16/24 05:37	05/24/24 11:17	7440-02-0	
Silver, Dissolved	0.91J	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 06:18	7440-22-4	D3
Vanadium, Dissolved	<3.2	ug/L	10.5	3.2	10	05/16/24 05:37	05/24/24 11:17	7440-62-2	D3
Zinc, Dissolved	209J	ug/L	344	103	10	05/16/24 05:37	05/24/24 11:17	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	<0.013	ug/L	0.047	0.013	1	05/16/24 13:30	05/16/24 23:58	83-32-9	
Acenaphthylene	<0.012	ug/L	0.047	0.012	1	05/16/24 13:30	05/16/24 23:58	208-96-8	
Anthracene	<0.017	ug/L	0.047	0.017	1	05/16/24 13:30	05/16/24 23:58	120-12-7	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424010 Lab ID: 40278319010 Collected: 05/14/24 08:50 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	0.030J	ug/L	0.047	0.013	1	05/16/24 13:30	05/16/24 23:58	56-55-3	B
Benzo(a)pyrene	0.031J	ug/L	0.047	0.012	1	05/16/24 13:30	05/16/24 23:58	50-32-8	
Benzo(b)fluoranthene	0.054	ug/L	0.047	0.0085	1	05/16/24 13:30	05/16/24 23:58	205-99-2	B
Benzo(g,h,i)perylene	0.032J	ug/L	0.047	0.022	1	05/16/24 13:30	05/16/24 23:58	191-24-2	
Benzo(k)fluoranthene	<0.021	ug/L	0.047	0.021	1	05/16/24 13:30	05/16/24 23:58	207-08-9	
Chrysene	0.035J	ug/L	0.047	0.012	1	05/16/24 13:30	05/16/24 23:58	218-01-9	B
Dibenz(a,h)anthracene	<0.017	ug/L	0.047	0.017	1	05/16/24 13:30	05/16/24 23:58	53-70-3	
Fluoranthene	0.086	ug/L	0.047	0.024	1	05/16/24 13:30	05/16/24 23:58	206-44-0	
Fluorene	<0.022	ug/L	0.047	0.022	1	05/16/24 13:30	05/16/24 23:58	86-73-7	
Indeno(1,2,3-cd)pyrene	0.027J	ug/L	0.047	0.015	1	05/16/24 13:30	05/16/24 23:58	193-39-5	
1-Methylnaphthalene	<0.017	ug/L	0.047	0.017	1	05/16/24 13:30	05/16/24 23:58	90-12-0	
2-Methylnaphthalene	<0.013	ug/L	0.047	0.013	1	05/16/24 13:30	05/16/24 23:58	91-57-6	
Naphthalene	<0.019	ug/L	0.047	0.019	1	05/16/24 13:30	05/16/24 23:58	91-20-3	
Phenanthrene	0.042J	ug/L	0.047	0.024	1	05/16/24 13:30	05/16/24 23:58	85-01-8	
Pyrene	0.065	ug/L	0.047	0.021	1	05/16/24 13:30	05/16/24 23:58	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	60	%	38-120		1	05/16/24 13:30	05/16/24 23:58	321-60-8	
Terphenyl-d14 (S)	68	%	47-121		1	05/16/24 13:30	05/16/24 23:58	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 23:36	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 23:36	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 23:36	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 23:36	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 23:36	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 23:36	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	102	%	70-130		1		05/17/24 23:36	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/17/24 23:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/17/24 23:36	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	660	mg/L	200	44.4	100		05/23/24 14:11	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	590	mg/L	50.0	14.9	2		05/20/24 15:52		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.2	mg/L	0.25	0.059	1		05/16/24 11:55		

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424011 Lab ID: 40278319011 Collected: 05/14/24 09:25 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	87.2	ug/L	2.8	0.58	1		05/20/24 12:13	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 06:23	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 06:23	7440-36-0	D3
Copper, Dissolved	9.4J	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 06:23	7440-50-8	D3
Iron, Dissolved	134J	ug/L	500	116	2	05/16/24 05:37	05/24/24 06:23	7439-89-6	D3
Manganese, Dissolved	140	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 06:23	7439-96-5	
Nickel, Dissolved	29.9	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 06:23	7440-02-0	
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 06:23	7440-22-4	D3
Vanadium, Dissolved	0.88J	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 06:23	7440-62-2	D3
Zinc, Dissolved	46.0J	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 06:23	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	4.9	ug/L	0.049	0.014	1	05/16/24 13:30	05/17/24 00:16	83-32-9	
Acenaphthylene	0.10	ug/L	0.049	0.012	1	05/16/24 13:30	05/17/24 00:16	208-96-8	
Anthracene	0.034J	ug/L	0.049	0.018	1	05/16/24 13:30	05/17/24 00:16	120-12-7	
Benzo(a)anthracene	<0.013	ug/L	0.049	0.013	1	05/16/24 13:30	05/17/24 00:16	56-55-3	
Benzo(a)pyrene	<0.012	ug/L	0.049	0.012	1	05/16/24 13:30	05/17/24 00:16	50-32-8	
Benzo(b)fluoranthene	0.018J	ug/L	0.049	0.0089	1	05/16/24 13:30	05/17/24 00:16	205-99-2	
Benzo(g,h,i)perylene	<0.023	ug/L	0.049	0.023	1	05/16/24 13:30	05/17/24 00:16	191-24-2	
Benzo(k)fluoranthene	<0.022	ug/L	0.049	0.022	1	05/16/24 13:30	05/17/24 00:16	207-08-9	
Chrysene	<0.012	ug/L	0.049	0.012	1	05/16/24 13:30	05/17/24 00:16	218-01-9	
Dibenz(a,h)anthracene	<0.017	ug/L	0.049	0.017	1	05/16/24 13:30	05/17/24 00:16	53-70-3	
Fluoranthene	0.14	ug/L	0.049	0.026	1	05/16/24 13:30	05/17/24 00:16	206-44-0	
Fluorene	0.12	ug/L	0.049	0.023	1	05/16/24 13:30	05/17/24 00:16	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.015	ug/L	0.049	0.015	1	05/16/24 13:30	05/17/24 00:16	193-39-5	
1-Methylnaphthalene	0.12	ug/L	0.049	0.018	1	05/16/24 13:30	05/17/24 00:16	90-12-0	
2-Methylnaphthalene	<0.014	ug/L	0.049	0.014	1	05/16/24 13:30	05/17/24 00:16	91-57-6	
Naphthalene	0.060	ug/L	0.049	0.019	1	05/16/24 13:30	05/17/24 00:16	91-20-3	
Phenanthrene	<0.025	ug/L	0.049	0.025	1	05/16/24 13:30	05/17/24 00:16	85-01-8	
Pyrene	0.087	ug/L	0.049	0.022	1	05/16/24 13:30	05/17/24 00:16	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	38-120		1	05/16/24 13:30	05/17/24 00:16	321-60-8	
Terphenyl-d14 (S)	64	%	47-121		1	05/16/24 13:30	05/17/24 00:16	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 23:53	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 23:53	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 23:53	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 23:53	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 23:53	179601-23-1	

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### ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424011 Lab ID: 40278319011 Collected: 05/14/24 09:25 Received: 05/15/24 10:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 23:53	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 23:53	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/17/24 23:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/17/24 23:53	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	9.0	mg/L	2.0	0.44	1		05/23/24 01:00	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	397	mg/L	25.0	7.4	1		05/20/24 15:21		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.20J	mg/L	0.25	0.059	1		05/16/24 11:55		

Sample: 051424012 Lab ID: 40278319012 Collected: 05/14/24 10:25 Received: 05/15/24 10:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		05/20/24 12:20	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 06:28	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 06:28	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 06:28	7440-50-8	D3
Iron, Dissolved	<116	ug/L	500	116	2	05/16/24 05:37	05/24/24 06:28	7439-89-6	D3
Manganese, Dissolved	5.2J	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 06:28	7439-96-5	D3
Nickel, Dissolved	1.0J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 06:28	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 06:28	7440-22-4	D3
Vanadium, Dissolved	0.66J	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 06:28	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 06:28	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.022J	ug/L	0.047	0.013	1	05/16/24 13:30	05/17/24 00:34	83-32-9	
Acenaphthylene	0.17	ug/L	0.047	0.012	1	05/16/24 13:30	05/17/24 00:34	208-96-8	
Anthracene	0.11	ug/L	0.047	0.018	1	05/16/24 13:30	05/17/24 00:34	120-12-7	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Project No.: 40278319

Sample: 051424012 Lab ID: 40278319012 Collected: 05/14/24 10:25 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	0.31	ug/L	0.047	0.013	1	05/16/24 13:30	05/17/24 00:34	56-55-3	
Benzo(a)pyrene	0.29	ug/L	0.047	0.012	1	05/16/24 13:30	05/17/24 00:34	50-32-8	
Benzo(b)fluoranthene	0.34	ug/L	0.047	0.0086	1	05/16/24 13:30	05/17/24 00:34	205-99-2	
Benzo(g,h,i)perylene	0.19	ug/L	0.047	0.022	1	05/16/24 13:30	05/17/24 00:34	191-24-2	
Benzo(k)fluoranthene	0.14	ug/L	0.047	0.021	1	05/16/24 13:30	05/17/24 00:34	207-08-9	
Chrysene	0.24	ug/L	0.047	0.012	1	05/16/24 13:30	05/17/24 00:34	218-01-9	
Dibenz(a,h)anthracene	0.036J	ug/L	0.047	0.017	1	05/16/24 13:30	05/17/24 00:34	53-70-3	
Fluoranthene	0.75	ug/L	0.047	0.025	1	05/16/24 13:30	05/17/24 00:34	206-44-0	
Fluorene	0.051	ug/L	0.047	0.022	1	05/16/24 13:30	05/17/24 00:34	86-73-7	
Indeno(1,2,3-cd)pyrene	0.18	ug/L	0.047	0.015	1	05/16/24 13:30	05/17/24 00:34	193-39-5	
1-Methylnaphthalene	<0.017	ug/L	0.047	0.017	1	05/16/24 13:30	05/17/24 00:34	90-12-0	
2-Methylnaphthalene	<0.013	ug/L	0.047	0.013	1	05/16/24 13:30	05/17/24 00:34	91-57-6	
Naphthalene	0.022J	ug/L	0.047	0.019	1	05/16/24 13:30	05/17/24 00:34	91-20-3	
Phenanthrene	0.44	ug/L	0.047	0.024	1	05/16/24 13:30	05/17/24 00:34	85-01-8	
Pyrene	0.54	ug/L	0.047	0.021	1	05/16/24 13:30	05/17/24 00:34	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	70	%	38-120		1	05/16/24 13:30	05/17/24 00:34	321-60-8	
Terphenyl-d14 (S)	75	%	47-121		1	05/16/24 13:30	05/17/24 00:34	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/18/24 00:09	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/18/24 00:09	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/18/24 00:09	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/18/24 00:09	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/18/24 00:09	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/18/24 00:09	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	102	%	70-130		1		05/18/24 00:09	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/18/24 00:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		05/18/24 00:09	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	883	mg/L	100	22.2	50		05/23/24 14:26	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	137	mg/L	25.0	7.4	1		05/20/24 15:22		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.28	mg/L	0.25	0.059	1		05/16/24 11:56		

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424013 Lab ID: 40278319013 Collected: 05/14/24 10:50 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	35.6	ug/L	2.8	0.58	1		05/20/24 12:27	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 06:34	7429-90-5	D3
Antimony, Dissolved	1.0J	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 06:34	7440-36-0	D3
Copper, Dissolved	7.5J	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 06:34	7440-50-8	D3
Iron, Dissolved	213J	ug/L	500	116	2	05/16/24 05:37	05/24/24 06:34	7439-89-6	D3
Manganese, Dissolved	10.7	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 06:34	7439-96-5	
Nickel, Dissolved	2.0	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 06:34	7440-02-0	
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 06:34	7440-22-4	D3
Vanadium, Dissolved	1.9J	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 06:34	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 06:34	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.014J	ug/L	0.049	0.014	1	05/16/24 13:30	05/17/24 00:53	83-32-9	
Acenaphthylene	0.16	ug/L	0.049	0.012	1	05/16/24 13:30	05/17/24 00:53	208-96-8	
Anthracene	0.19	ug/L	0.049	0.018	1	05/16/24 13:30	05/17/24 00:53	120-12-7	
Benzo(a)anthracene	0.39	ug/L	0.049	0.013	1	05/16/24 13:30	05/17/24 00:53	56-55-3	
Benzo(a)pyrene	0.62	ug/L	0.049	0.012	1	05/16/24 13:30	05/17/24 00:53	50-32-8	
Benzo(b)fluoranthene	1.0	ug/L	0.049	0.0089	1	05/16/24 13:30	05/17/24 00:53	205-99-2	
Benzo(g,h,i)perylene	0.76	ug/L	0.049	0.023	1	05/16/24 13:30	05/17/24 00:53	191-24-2	
Benzo(k)fluoranthene	0.38	ug/L	0.049	0.022	1	05/16/24 13:30	05/17/24 00:53	207-08-9	
Chrysene	0.54	ug/L	0.049	0.012	1	05/16/24 13:30	05/17/24 00:53	218-01-9	
Dibenz(a,h)anthracene	0.12	ug/L	0.049	0.017	1	05/16/24 13:30	05/17/24 00:53	53-70-3	
Fluoranthene	0.69	ug/L	0.049	0.026	1	05/16/24 13:30	05/17/24 00:53	206-44-0	
Fluorene	<0.023	ug/L	0.049	0.023	1	05/16/24 13:30	05/17/24 00:53	86-73-7	
Indeno(1,2,3-cd)pyrene	0.65	ug/L	0.049	0.015	1	05/16/24 13:30	05/17/24 00:53	193-39-5	
1-Methylnaphthalene	<0.017	ug/L	0.049	0.017	1	05/16/24 13:30	05/17/24 00:53	90-12-0	
2-Methylnaphthalene	0.015J	ug/L	0.049	0.013	1	05/16/24 13:30	05/17/24 00:53	91-57-6	
Naphthalene	0.056	ug/L	0.049	0.019	1	05/16/24 13:30	05/17/24 00:53	91-20-3	
Phenanthrene	0.14	ug/L	0.049	0.025	1	05/16/24 13:30	05/17/24 00:53	85-01-8	
Pyrene	0.60	ug/L	0.049	0.022	1	05/16/24 13:30	05/17/24 00:53	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	71	%	38-120		1	05/16/24 13:30	05/17/24 00:53	321-60-8	
Terphenyl-d14 (S)	70	%	47-121		1	05/16/24 13:30	05/17/24 00:53	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/18/24 00:26	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/18/24 00:26	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/18/24 00:26	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/18/24 00:26	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/18/24 00:26	179601-23-1	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

**Sample: 051424013**      **Lab ID: 40278319013**      Collected: 05/14/24 10:50      Received: 05/15/24 10:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/18/24 00:26	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/18/24 00:26	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		05/18/24 00:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		05/18/24 00:26	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	27.4	mg/L	2.0	0.44	1		05/23/24 01:29	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	370	mg/L	25.0	7.4	1		05/20/24 15:23		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.2	mg/L	0.25	0.059	1		05/16/24 11:57		

**Sample: 051424014**      **Lab ID: 40278319014**      Collected: 05/14/24 11:24      Received: 05/15/24 10:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		05/20/24 12:34	74-82-8	
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM      Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	<0.013	ug/L	0.048	0.013	1	05/16/24 13:30	05/21/24 19:15	83-32-9	
Acenaphthylene	<0.012	ug/L	0.048	0.012	1	05/16/24 13:30	05/21/24 19:15	208-96-8	
Anthracene	<0.018	ug/L	0.048	0.018	1	05/16/24 13:30	05/21/24 19:15	120-12-7	
Benzo(a)anthracene	0.019J	ug/L	0.048	0.013	1	05/16/24 13:30	05/21/24 19:15	56-55-3	B
Benzo(a)pyrene	0.015J	ug/L	0.048	0.012	1	05/16/24 13:30	05/21/24 19:15	50-32-8	
Benzo(b)fluoranthene	0.025J	ug/L	0.048	0.0087	1	05/16/24 13:30	05/21/24 19:15	205-99-2	
Benzo(g,h,i)perylene	<0.022	ug/L	0.048	0.022	1	05/16/24 13:30	05/21/24 19:15	191-24-2	
Benzo(k)fluoranthene	<0.021	ug/L	0.048	0.021	1	05/16/24 13:30	05/21/24 19:15	207-08-9	
Chrysene	0.021J	ug/L	0.048	0.012	1	05/16/24 13:30	05/21/24 19:15	218-01-9	B
Dibenz(a,h)anthracene	<0.017	ug/L	0.048	0.017	1	05/16/24 13:30	05/21/24 19:15	53-70-3	
Fluoranthene	0.055	ug/L	0.048	0.025	1	05/16/24 13:30	05/21/24 19:15	206-44-0	
Fluorene	<0.022	ug/L	0.048	0.022	1	05/16/24 13:30	05/21/24 19:15	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.015	ug/L	0.048	0.015	1	05/16/24 13:30	05/21/24 19:15	193-39-5	
1-Methylnaphthalene	<0.017	ug/L	0.048	0.017	1	05/16/24 13:30	05/21/24 19:15	90-12-0	
2-Methylnaphthalene	<0.013	ug/L	0.048	0.013	1	05/16/24 13:30	05/21/24 19:15	91-57-6	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424014 Lab ID: 40278319014 Collected: 05/14/24 11:24 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Naphthalene	0.038J	ug/L	0.048	0.019	1	05/16/24 13:30	05/21/24 19:15	91-20-3	
Phenanthrene	0.035J	ug/L	0.048	0.024	1	05/16/24 13:30	05/21/24 19:15	85-01-8	
Pyrene	0.042J	ug/L	0.048	0.022	1	05/16/24 13:30	05/21/24 19:15	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	57	%	38-120		1	05/16/24 13:30	05/21/24 19:15	321-60-8	
Terphenyl-d14 (S)	59	%	47-121		1	05/16/24 13:30	05/21/24 19:15	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/18/24 00:42	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/18/24 00:42	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/18/24 00:42	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/18/24 00:42	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/18/24 00:42	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/18/24 00:42	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	102	%	70-130		1		05/18/24 00:42	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/18/24 00:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/18/24 00:42	2199-69-1	

Sample: 051424015 Lab ID: 40278319015 Collected: 05/14/24 12:03 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Methane	593	ug/L	28.0	5.8	10		05/20/24 14:29	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 06:39	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 06:39	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 06:39	7440-50-8	D3
Iron, Dissolved	21500	ug/L	500	116	2	05/16/24 05:37	05/24/24 06:39	7439-89-6	
Manganese, Dissolved	1360	ug/L	81.0	24.3	20	05/16/24 05:37	05/28/24 12:57	7439-96-5	
Nickel, Dissolved	<0.57	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 06:39	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 06:39	7440-22-4	D3
Vanadium, Dissolved	1.8J	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 06:39	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 06:39	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Acenaphthene	0.36	ug/L	0.048	0.013	1	05/16/24 13:30	05/21/24 19:33	83-32-9	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424015 Lab ID: 40278319015 Collected: 05/14/24 12:03 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Acenaphthylene	<0.012	ug/L	0.048	0.012	1	05/16/24 13:30	05/21/24 19:33	208-96-8	
Anthracene	<0.018	ug/L	0.048	0.018	1	05/16/24 13:30	05/21/24 19:33	120-12-7	
Benzo(a)anthracene	<0.013	ug/L	0.048	0.013	1	05/16/24 13:30	05/21/24 19:33	56-55-3	
Benzo(a)pyrene	<0.012	ug/L	0.048	0.012	1	05/16/24 13:30	05/21/24 19:33	50-32-8	
Benzo(b)fluoranthene	<0.0088	ug/L	0.048	0.0088	1	05/16/24 13:30	05/21/24 19:33	205-99-2	
Benzo(g,h,i)perylene	<0.023	ug/L	0.048	0.023	1	05/16/24 13:30	05/21/24 19:33	191-24-2	
Benzo(k)fluoranthene	<0.022	ug/L	0.048	0.022	1	05/16/24 13:30	05/21/24 19:33	207-08-9	
Chrysene	<0.012	ug/L	0.048	0.012	1	05/16/24 13:30	05/21/24 19:33	218-01-9	
Dibenz(a,h)anthracene	<0.017	ug/L	0.048	0.017	1	05/16/24 13:30	05/21/24 19:33	53-70-3	
Fluoranthene	<0.025	ug/L	0.048	0.025	1	05/16/24 13:30	05/21/24 19:33	206-44-0	
Fluorene	<0.023	ug/L	0.048	0.023	1	05/16/24 13:30	05/21/24 19:33	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.015	ug/L	0.048	0.015	1	05/16/24 13:30	05/21/24 19:33	193-39-5	
1-Methylnaphthalene	0.20	ug/L	0.048	0.017	1	05/16/24 13:30	05/21/24 19:33	90-12-0	
2-Methylnaphthalene	0.017J	ug/L	0.048	0.013	1	05/16/24 13:30	05/21/24 19:33	91-57-6	
Naphthalene	0.84	ug/L	0.048	0.019	1	05/16/24 13:30	05/21/24 19:33	91-20-3	
Phenanthrene	<0.025	ug/L	0.048	0.025	1	05/16/24 13:30	05/21/24 19:33	85-01-8	
Pyrene	0.32	ug/L	0.048	0.022	1	05/16/24 13:30	05/21/24 19:33	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	38-120		1	05/16/24 13:30	05/21/24 19:33	321-60-8	
Terphenyl-d14 (S)	67	%	47-121		1	05/16/24 13:30	05/21/24 19:33	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 20:18	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 20:18	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 20:18	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 20:18	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 20:18	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 20:18	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	102	%	70-130		1		05/17/24 20:18	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/17/24 20:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/17/24 20:18	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	12.8	mg/L	10.0	2.2	5		05/23/24 01:44	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	288	mg/L	25.0	7.4	1		05/20/24 15:27		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.17J	mg/L	0.25	0.059	1		05/16/24 12:04		

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424016 Lab ID: 40278319016 Collected: 05/14/24 12:42 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	5960	ug/L	280	57.6	100		05/20/24 14:36	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 06:55	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 06:55	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 06:55	7440-50-8	D3
Iron, Dissolved	11200	ug/L	500	116	2	05/16/24 05:37	05/24/24 06:55	7439-89-6	
Manganese, Dissolved	970	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 06:55	7439-96-5	
Nickel, Dissolved	1.1J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 06:55	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 06:55	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 06:55	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 06:55	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.014J	ug/L	0.047	0.013	1	05/16/24 13:30	05/21/24 19:51	83-32-9	
Acenaphthylene	<0.012	ug/L	0.047	0.012	1	05/16/24 13:30	05/21/24 19:51	208-96-8	
Anthracene	<0.017	ug/L	0.047	0.017	1	05/16/24 13:30	05/21/24 19:51	120-12-7	
Benzo(a)anthracene	<0.013	ug/L	0.047	0.013	1	05/16/24 13:30	05/21/24 19:51	56-55-3	
Benzo(a)pyrene	<0.012	ug/L	0.047	0.012	1	05/16/24 13:30	05/21/24 19:51	50-32-8	
Benzo(b)fluoranthene	<0.0085	ug/L	0.047	0.0085	1	05/16/24 13:30	05/21/24 19:51	205-99-2	
Benzo(g,h,i)perylene	<0.022	ug/L	0.047	0.022	1	05/16/24 13:30	05/21/24 19:51	191-24-2	
Benzo(k)fluoranthene	<0.021	ug/L	0.047	0.021	1	05/16/24 13:30	05/21/24 19:51	207-08-9	
Chrysene	<0.012	ug/L	0.047	0.012	1	05/16/24 13:30	05/21/24 19:51	218-01-9	
Dibenz(a,h)anthracene	<0.017	ug/L	0.047	0.017	1	05/16/24 13:30	05/21/24 19:51	53-70-3	
Fluoranthene	<0.024	ug/L	0.047	0.024	1	05/16/24 13:30	05/21/24 19:51	206-44-0	
Fluorene	<0.022	ug/L	0.047	0.022	1	05/16/24 13:30	05/21/24 19:51	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.014	ug/L	0.047	0.014	1	05/16/24 13:30	05/21/24 19:51	193-39-5	
1-Methylnaphthalene	<0.017	ug/L	0.047	0.017	1	05/16/24 13:30	05/21/24 19:51	90-12-0	
2-Methylnaphthalene	<0.013	ug/L	0.047	0.013	1	05/16/24 13:30	05/21/24 19:51	91-57-6	
Naphthalene	<0.019	ug/L	0.047	0.019	1	05/16/24 13:30	05/21/24 19:51	91-20-3	
Phenanthrene	<0.024	ug/L	0.047	0.024	1	05/16/24 13:30	05/21/24 19:51	85-01-8	
Pyrene	<0.021	ug/L	0.047	0.021	1	05/16/24 13:30	05/21/24 19:51	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	56	%	38-120		1	05/16/24 13:30	05/21/24 19:51	321-60-8	
Terphenyl-d14 (S)	57	%	47-121		1	05/16/24 13:30	05/21/24 19:51	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 20:35	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 20:35	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 20:35	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 20:35	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 20:35	179601-23-1	

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### ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424016 Lab ID: 40278319016 Collected: 05/14/24 12:42 Received: 05/15/24 10:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 20:35	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 20:35	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		05/17/24 20:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		05/17/24 20:35	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	3.2J	mg/L	10.0	2.2	5		05/23/24 15:25	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	431	mg/L	50.0	14.9	2		05/28/24 14:05		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		05/16/24 12:05		

Sample: 051424017 Lab ID: 40278319017 Collected: 05/14/24 12:47 Received: 05/15/24 10:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	9250	ug/L	280	57.6	100		05/20/24 14:43	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 07:00	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 07:00	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 07:00	7440-50-8	D3
Iron, Dissolved	11600	ug/L	500	116	2	05/16/24 05:37	05/24/24 07:00	7439-89-6	
Manganese, Dissolved	989	ug/L	81.0	24.3	20	05/16/24 05:37	05/28/24 13:03	7439-96-5	
Nickel, Dissolved	0.84J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 07:00	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 07:00	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 07:00	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 07:00	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.019J	ug/L	0.050	0.014	1	05/16/24 13:30	05/21/24 20:10	83-32-9	
Acenaphthylene	<0.013	ug/L	0.050	0.013	1	05/16/24 13:30	05/21/24 20:10	208-96-8	
Anthracene	<0.019	ug/L	0.050	0.019	1	05/16/24 13:30	05/21/24 20:10	120-12-7	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424017 Lab ID: 40278319017 Collected: 05/14/24 12:47 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	<0.014	ug/L	0.050	0.014	1	05/16/24 13:30	05/21/24 20:10	56-55-3	
Benzo(a)pyrene	<0.013	ug/L	0.050	0.013	1	05/16/24 13:30	05/21/24 20:10	50-32-8	
Benzo(b)fluoranthene	<0.0091	ug/L	0.050	0.0091	1	05/16/24 13:30	05/21/24 20:10	205-99-2	
Benzo(g,h,i)perylene	<0.023	ug/L	0.050	0.023	1	05/16/24 13:30	05/21/24 20:10	191-24-2	
Benzo(k)fluoranthene	<0.022	ug/L	0.050	0.022	1	05/16/24 13:30	05/21/24 20:10	207-08-9	
Chrysene	<0.013	ug/L	0.050	0.013	1	05/16/24 13:30	05/21/24 20:10	218-01-9	
Dibenz(a,h)anthracene	<0.018	ug/L	0.050	0.018	1	05/16/24 13:30	05/21/24 20:10	53-70-3	
Fluoranthene	<0.026	ug/L	0.050	0.026	1	05/16/24 13:30	05/21/24 20:10	206-44-0	
Fluorene	<0.024	ug/L	0.050	0.024	1	05/16/24 13:30	05/21/24 20:10	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.016	ug/L	0.050	0.016	1	05/16/24 13:30	05/21/24 20:10	193-39-5	
1-Methylnaphthalene	<0.018	ug/L	0.050	0.018	1	05/16/24 13:30	05/21/24 20:10	90-12-0	
2-Methylnaphthalene	<0.014	ug/L	0.050	0.014	1	05/16/24 13:30	05/21/24 20:10	91-57-6	
Naphthalene	0.024J	ug/L	0.050	0.020	1	05/16/24 13:30	05/21/24 20:10	91-20-3	
Phenanthrene	<0.026	ug/L	0.050	0.026	1	05/16/24 13:30	05/21/24 20:10	85-01-8	
Pyrene	<0.023	ug/L	0.050	0.023	1	05/16/24 13:30	05/21/24 20:10	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	38-120		1	05/16/24 13:30	05/21/24 20:10	321-60-8	
Terphenyl-d14 (S)	68	%	47-121		1	05/16/24 13:30	05/21/24 20:10	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 20:51	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 20:51	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 20:51	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 20:51	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 20:51	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 20:51	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 20:51	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/17/24 20:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		05/17/24 20:51	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	3.2J	mg/L	10.0	2.2	5		05/23/24 16:12	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	433	mg/L	25.0	7.4	1		05/28/24 10:10		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		05/16/24 12:06		

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424018 Lab ID: 40278319018 Collected: 05/14/24 13:35 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	12200	ug/L	280	57.6	100		05/20/24 14:50	74-82-8	HS
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 07:06	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 07:06	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 07:06	7440-50-8	D3
Iron, Dissolved	44100	ug/L	500	116	2	05/16/24 05:37	05/24/24 07:06	7439-89-6	
Manganese, Dissolved	1410	ug/L	81.0	24.3	20	05/16/24 05:37	05/28/24 13:08	7439-96-5	
Nickel, Dissolved	<0.57	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 07:06	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 07:06	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 07:06	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 07:06	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.25	ug/L	0.053	0.015	1	05/16/24 13:30	05/21/24 20:28	83-32-9	
Acenaphthylene	<0.013	ug/L	0.053	0.013	1	05/16/24 13:30	05/21/24 20:28	208-96-8	
Anthracene	0.045J	ug/L	0.053	0.020	1	05/16/24 13:30	05/21/24 20:28	120-12-7	
Benzo(a)anthracene	0.017J	ug/L	0.053	0.014	1	05/16/24 13:30	05/21/24 20:28	56-55-3	
Benzo(a)pyrene	<0.013	ug/L	0.053	0.013	1	05/16/24 13:30	05/21/24 20:28	50-32-8	
Benzo(b)fluoranthene	0.014J	ug/L	0.053	0.0097	1	05/16/24 13:30	05/21/24 20:28	205-99-2	
Benzo(g,h,i)perylene	<0.025	ug/L	0.053	0.025	1	05/16/24 13:30	05/21/24 20:28	191-24-2	
Benzo(k)fluoranthene	<0.024	ug/L	0.053	0.024	1	05/16/24 13:30	05/21/24 20:28	207-08-9	
Chrysene	0.016J	ug/L	0.053	0.013	1	05/16/24 13:30	05/21/24 20:28	218-01-9	
Dibenz(a,h)anthracene	<0.019	ug/L	0.053	0.019	1	05/16/24 13:30	05/21/24 20:28	53-70-3	
Fluoranthene	0.077	ug/L	0.053	0.028	1	05/16/24 13:30	05/21/24 20:28	206-44-0	
Fluorene	0.10	ug/L	0.053	0.025	1	05/16/24 13:30	05/21/24 20:28	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.016	ug/L	0.053	0.016	1	05/16/24 13:30	05/21/24 20:28	193-39-5	
1-Methylnaphthalene	<0.019	ug/L	0.053	0.019	1	05/16/24 13:30	05/21/24 20:28	90-12-0	
2-Methylnaphthalene	<0.015	ug/L	0.053	0.015	1	05/16/24 13:30	05/21/24 20:28	91-57-6	
Naphthalene	<0.021	ug/L	0.053	0.021	1	05/16/24 13:30	05/21/24 20:28	91-20-3	
Phenanthrene	0.067	ug/L	0.053	0.027	1	05/16/24 13:30	05/21/24 20:28	85-01-8	
Pyrene	0.063	ug/L	0.053	0.024	1	05/16/24 13:30	05/21/24 20:28	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	70	%	38-120		1	05/16/24 13:30	05/21/24 20:28	321-60-8	
Terphenyl-d14 (S)	67	%	47-121		1	05/16/24 13:30	05/21/24 20:28	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 21:08	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 21:08	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 21:08	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 21:08	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 21:08	179601-23-1	

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### ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424018 Lab ID: 40278319018 Collected: 05/14/24 13:35 Received: 05/15/24 10:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 21:08	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 21:08	2037-26-5	HS
4-Bromofluorobenzene (S)	94	%	70-130		1		05/17/24 21:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		05/17/24 21:08	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	3.0J	mg/L	10.0	2.2	5		05/23/24 16:27	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	868	mg/L	125	37.2	5		05/28/24 14:08		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.077J	mg/L	0.25	0.059	1		05/16/24 12:06		M0

Sample: 051424019 Lab ID: 40278319019 Collected: 05/14/24 14:11 Received: 05/15/24 10:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	12600	ug/L	280	57.6	100		05/20/24 14:57	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 07:11	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 07:11	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 07:11	7440-50-8	D3
Iron, Dissolved	26900	ug/L	500	116	2	05/16/24 05:37	05/24/24 07:11	7439-89-6	
Manganese, Dissolved	430	ug/L	8.1	2.4	2	05/16/24 05:37	05/24/24 07:11	7439-96-5	
Nickel, Dissolved	0.83J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 07:11	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 07:11	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 07:11	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 07:11	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	3.4	ug/L	0.044	0.012	1	05/16/24 13:30	05/21/24 20:46	83-32-9	
Acenaphthylene	0.12	ug/L	0.044	0.011	1	05/16/24 13:30	05/21/24 20:46	208-96-8	
Anthracene	0.11	ug/L	0.044	0.016	1	05/16/24 13:30	05/21/24 20:46	120-12-7	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424019 Lab ID: 40278319019 Collected: 05/14/24 14:11 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	0.050	ug/L	0.044	0.012	1	05/16/24 13:30	05/21/24 20:46	56-55-3	B
Benzo(a)pyrene	0.043J	ug/L	0.044	0.011	1	05/16/24 13:30	05/21/24 20:46	50-32-8	
Benzo(b)fluoranthene	0.069	ug/L	0.044	0.0080	1	05/16/24 13:30	05/21/24 20:46	205-99-2	B
Benzo(g,h,i)perylene	0.042J	ug/L	0.044	0.020	1	05/16/24 13:30	05/21/24 20:46	191-24-2	
Benzo(k)fluoranthene	0.037J	ug/L	0.044	0.020	1	05/16/24 13:30	05/21/24 20:46	207-08-9	
Chrysene	0.077	ug/L	0.044	0.011	1	05/16/24 13:30	05/21/24 20:46	218-01-9	B
Dibenz(a,h)anthracene	<0.016	ug/L	0.044	0.016	1	05/16/24 13:30	05/21/24 20:46	53-70-3	
Fluoranthene	0.32	ug/L	0.044	0.023	1	05/16/24 13:30	05/21/24 20:46	206-44-0	
Fluorene	0.49	ug/L	0.044	0.021	1	05/16/24 13:30	05/21/24 20:46	86-73-7	
Indeno(1,2,3-cd)pyrene	0.037J	ug/L	0.044	0.014	1	05/16/24 13:30	05/21/24 20:46	193-39-5	
1-Methylnaphthalene	0.36	ug/L	0.044	0.016	1	05/16/24 13:30	05/21/24 20:46	90-12-0	
2-Methylnaphthalene	<0.012	ug/L	0.044	0.012	1	05/16/24 13:30	05/21/24 20:46	91-57-6	
Naphthalene	0.17	ug/L	0.044	0.017	1	05/16/24 13:30	05/21/24 20:46	91-20-3	
Phenanthrene	0.20	ug/L	0.044	0.022	1	05/16/24 13:30	05/21/24 20:46	85-01-8	
Pyrene	0.25	ug/L	0.044	0.020	1	05/16/24 13:30	05/21/24 20:46	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	38-120		1	05/16/24 13:30	05/21/24 20:46	321-60-8	
Terphenyl-d14 (S)	63	%	47-121		1	05/16/24 13:30	05/21/24 20:46	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 21:24	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 21:24	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 21:24	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 21:24	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 21:24	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 21:24	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 21:24	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/17/24 21:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		05/17/24 21:24	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	<2.2	mg/L	10.0	2.2	5		05/23/24 16:42	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	281	mg/L	25.0	7.4	1		05/28/24 10:12		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		05/24/24 09:07		

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### ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

**Sample: 051424020**      **Lab ID: 40278319020**      Collected: 05/14/24 15:19      Received: 05/15/24 10:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	1730	ug/L	56.0	11.5	20		05/20/24 15:04	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 07:16	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 07:16	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 07:16	7440-50-8	D3
Iron, Dissolved	46600	ug/L	500	116	2	05/16/24 05:37	05/24/24 07:16	7439-89-6	
Manganese, Dissolved	2460	ug/L	81.0	24.3	20	05/16/24 05:37	05/28/24 13:13	7439-96-5	
Nickel, Dissolved	1.1J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 07:16	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 07:16	7440-22-4	D3
Vanadium, Dissolved	8.3	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 07:16	7440-62-2	
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 07:16	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.32	ug/L	0.047	0.013	1	05/16/24 13:30	05/21/24 21:05	83-32-9	
Acenaphthylene	0.021J	ug/L	0.047	0.012	1	05/16/24 13:30	05/21/24 21:05	208-96-8	
Anthracene	0.045J	ug/L	0.047	0.017	1	05/16/24 13:30	05/21/24 21:05	120-12-7	
Benzo(a)anthracene	0.024J	ug/L	0.047	0.013	1	05/16/24 13:30	05/21/24 21:05	56-55-3	B
Benzo(a)pyrene	0.019J	ug/L	0.047	0.012	1	05/16/24 13:30	05/21/24 21:05	50-32-8	
Benzo(b)fluoranthene	0.038J	ug/L	0.047	0.0086	1	05/16/24 13:30	05/21/24 21:05	205-99-2	B
Benzo(g,h,i)perylene	<0.022	ug/L	0.047	0.022	1	05/16/24 13:30	05/21/24 21:05	191-24-2	
Benzo(k)fluoranthene	<0.021	ug/L	0.047	0.021	1	05/16/24 13:30	05/21/24 21:05	207-08-9	
Chrysene	0.039J	ug/L	0.047	0.012	1	05/16/24 13:30	05/21/24 21:05	218-01-9	B
Dibenz(a,h)anthracene	<0.017	ug/L	0.047	0.017	1	05/16/24 13:30	05/21/24 21:05	53-70-3	
Fluoranthene	0.28	ug/L	0.047	0.025	1	05/16/24 13:30	05/21/24 21:05	206-44-0	
Fluorene	0.15	ug/L	0.047	0.022	1	05/16/24 13:30	05/21/24 21:05	86-73-7	
Indeno(1,2,3-cd)pyrene	0.019J	ug/L	0.047	0.015	1	05/16/24 13:30	05/21/24 21:05	193-39-5	
1-Methylnaphthalene	<0.017	ug/L	0.047	0.017	1	05/16/24 13:30	05/21/24 21:05	90-12-0	
2-Methylnaphthalene	<0.013	ug/L	0.047	0.013	1	05/16/24 13:30	05/21/24 21:05	91-57-6	
Naphthalene	0.022J	ug/L	0.047	0.019	1	05/16/24 13:30	05/21/24 21:05	91-20-3	
Phenanthrene	0.030J	ug/L	0.047	0.024	1	05/16/24 13:30	05/21/24 21:05	85-01-8	
Pyrene	0.19	ug/L	0.047	0.021	1	05/16/24 13:30	05/21/24 21:05	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	72	%	38-120		1	05/16/24 13:30	05/21/24 21:05	321-60-8	
Terphenyl-d14 (S)	71	%	47-121		1	05/16/24 13:30	05/21/24 21:05	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 21:41	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 21:41	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 21:41	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 21:41	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 21:41	179601-23-1	

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### ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424020 Lab ID: 40278319020 Collected: 05/14/24 15:19 Received: 05/15/24 10:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 21:41	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		05/17/24 21:41	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/17/24 21:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		05/17/24 21:41	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	26.5	mg/L	10.0	2.2	5		05/23/24 16:57	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	533	mg/L	50.0	14.9	2		05/28/24 14:09		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.075J	mg/L	0.25	0.059	1		05/24/24 09:08		

Sample: 051424021 Lab ID: 40278319021 Collected: 05/14/24 15:56 Received: 05/15/24 10:00 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	1480	ug/L	70.0	14.4	25		05/21/24 11:10	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<117	ug/L	500	117	2	05/16/24 05:37	05/24/24 07:22	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	05/16/24 05:37	05/24/24 07:22	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	05/16/24 05:37	05/24/24 07:22	7440-50-8	D3
Iron, Dissolved	36800	ug/L	500	116	2	05/16/24 05:37	05/24/24 07:22	7439-89-6	
Manganese, Dissolved	1040	ug/L	81.0	24.3	20	05/16/24 05:37	05/28/24 13:19	7439-96-5	
Nickel, Dissolved	1.2J	ug/L	2.0	0.57	2	05/16/24 05:37	05/24/24 07:22	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	05/16/24 05:37	05/24/24 07:22	7440-22-4	D3
Vanadium, Dissolved	1.1J	ug/L	2.1	0.63	2	05/16/24 05:37	05/24/24 07:22	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	05/16/24 05:37	05/24/24 07:22	7440-66-6	D3
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	103	ug/L	4.2	1.2	80	05/16/24 13:30	05/22/24 12:39	83-32-9	
Acenaphthylene	1.3J	ug/L	4.2	1.1	80	05/16/24 13:30	05/22/24 12:39	208-96-8	
Anthracene	5.0	ug/L	4.2	1.6	80	05/16/24 13:30	05/22/24 12:39	120-12-7	

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### ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424021 Lab ID: 40278319021 Collected: 05/14/24 15:56 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	<1.1	ug/L	4.2	1.1	80	05/16/24 13:30	05/22/24 12:39	56-55-3	
Benzo(a)pyrene	<1.1	ug/L	4.2	1.1	80	05/16/24 13:30	05/22/24 12:39	50-32-8	
Benzo(b)fluoranthene	<0.77	ug/L	4.2	0.77	80	05/16/24 13:30	05/22/24 12:39	205-99-2	
Benzo(g,h,i)perylene	<2.0	ug/L	4.2	2.0	80	05/16/24 13:30	05/22/24 12:39	191-24-2	
Benzo(k)fluoranthene	<1.9	ug/L	4.2	1.9	80	05/16/24 13:30	05/22/24 12:39	207-08-9	
Chrysene	<1.1	ug/L	4.2	1.1	80	05/16/24 13:30	05/22/24 12:39	218-01-9	
Dibenz(a,h)anthracene	<1.5	ug/L	4.2	1.5	80	05/16/24 13:30	05/22/24 12:39	53-70-3	
Fluoranthene	3.2J	ug/L	4.2	2.2	80	05/16/24 13:30	05/22/24 12:39	206-44-0	
Fluorene	28.0	ug/L	4.2	2.0	80	05/16/24 13:30	05/22/24 12:39	86-73-7	
Indeno(1,2,3-cd)pyrene	<1.3	ug/L	4.2	1.3	80	05/16/24 13:30	05/22/24 12:39	193-39-5	
1-Methylnaphthalene	133	ug/L	4.2	1.5	80	05/16/24 13:30	05/22/24 12:39	90-12-0	
2-Methylnaphthalene	20.5	ug/L	4.2	1.2	80	05/16/24 13:30	05/22/24 12:39	91-57-6	
Naphthalene	770	ug/L	4.2	1.7	80	05/16/24 13:30	05/22/24 12:39	91-20-3	
Phenanthrene	28.5	ug/L	4.2	2.2	80	05/16/24 13:30	05/22/24 12:39	85-01-8	
Pyrene	2.5J	ug/L	4.2	1.9	80	05/16/24 13:30	05/22/24 12:39	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	38-120		80	05/16/24 13:30	05/22/24 12:39	321-60-8	
Terphenyl-d14 (S)	64	%	47-121		80	05/16/24 13:30	05/22/24 12:39	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	227	ug/L	10.0	3.0	10		05/17/24 00:09	71-43-2	
Ethylbenzene	141	ug/L	10.0	3.3	10		05/17/24 00:09	100-41-4	
Toluene	15.7	ug/L	10.0	2.9	10		05/17/24 00:09	108-88-3	
Xylene (Total)	98.2	ug/L	30.0	10.5	10		05/17/24 00:09	1330-20-7	
m&p-Xylene	26.9	ug/L	20.0	7.0	10		05/17/24 00:09	179601-23-1	
o-Xylene	71.3	ug/L	10.0	3.5	10		05/17/24 00:09	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	94	%	70-130		10		05/17/24 00:09	2037-26-5	D3
4-Bromofluorobenzene (S)	99	%	70-130		10		05/17/24 00:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	93	%	70-130		10		05/17/24 00:09	2199-69-1	
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	44.7	mg/L	10.0	2.2	5		05/23/24 17:11	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	863	mg/L	125	37.2	5		05/28/24 14:10		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.068J	mg/L	0.25	0.059	1		05/24/24 09:09		

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424022 Lab ID: 40278319022 Collected: 05/14/24 16:40 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Acenaphthene	63.0	ug/L	1.9	0.54	40	05/16/24 13:30	05/22/24 12:57	83-32-9	
Acenaphthylene	0.58J	ug/L	1.9	0.49	40	05/16/24 13:30	05/22/24 12:57	208-96-8	
Anthracene	2.6	ug/L	1.9	0.72	40	05/16/24 13:30	05/22/24 12:57	120-12-7	
Benzo(a)anthracene	<0.53	ug/L	1.9	0.53	40	05/16/24 13:30	05/22/24 12:57	56-55-3	
Benzo(a)pyrene	<0.50	ug/L	1.9	0.50	40	05/16/24 13:30	05/22/24 12:57	50-32-8	
Benzo(b)fluoranthene	<0.35	ug/L	1.9	0.35	40	05/16/24 13:30	05/22/24 12:57	205-99-2	
Benzo(g,h,i)perylene	<0.91	ug/L	1.9	0.91	40	05/16/24 13:30	05/22/24 12:57	191-24-2	
Benzo(k)fluoranthene	<0.87	ug/L	1.9	0.87	40	05/16/24 13:30	05/22/24 12:57	207-08-9	
Chrysene	<0.49	ug/L	1.9	0.49	40	05/16/24 13:30	05/22/24 12:57	218-01-9	
Dibenz(a,h)anthracene	<0.69	ug/L	1.9	0.69	40	05/16/24 13:30	05/22/24 12:57	53-70-3	
Fluoranthene	1.8J	ug/L	1.9	1.0	40	05/16/24 13:30	05/22/24 12:57	206-44-0	
Fluorene	13.3	ug/L	1.9	0.92	40	05/16/24 13:30	05/22/24 12:57	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.60	ug/L	1.9	0.60	40	05/16/24 13:30	05/22/24 12:57	193-39-5	
1-Methylnaphthalene	84.6	ug/L	1.9	0.70	40	05/16/24 13:30	05/22/24 12:57	90-12-0	
2-Methylnaphthalene	61.9	ug/L	1.9	0.54	40	05/16/24 13:30	05/22/24 12:57	91-57-6	
Naphthalene	289	ug/L	1.9	0.78	40	05/16/24 13:30	05/22/24 12:57	91-20-3	
Phenanthrene	14.0	ug/L	1.9	1.0	40	05/16/24 13:30	05/22/24 12:57	85-01-8	
Pyrene	1.7J	ug/L	1.9	0.88	40	05/16/24 13:30	05/22/24 12:57	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	60	%	38-120		40	05/16/24 13:30	05/22/24 12:57	321-60-8	
Terphenyl-d14 (S)	54	%	47-121		40	05/16/24 13:30	05/22/24 12:57	1718-51-0	

**8260 MSV UST**

Analytical Method: EPA 8260

Pace Analytical Services - Green Bay

Benzene	174	ug/L	2.0	0.59	2		05/17/24 00:26	71-43-2	
Ethylbenzene	23.2	ug/L	2.0	0.65	2		05/17/24 00:26	100-41-4	
<b>Surrogates</b>									
Toluene-d8 (S)	96	%	70-130		2		05/17/24 00:26	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		2		05/17/24 00:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	90	%	70-130		2		05/17/24 00:26	2199-69-1	

Sample: 051424023 Lab ID: 40278319023 Collected: 05/14/24 17:15 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Acenaphthene	0.018J	ug/L	0.050	0.014	1	05/16/24 13:30	05/16/24 23:39	83-32-9	
Acenaphthylene	0.014J	ug/L	0.050	0.013	1	05/16/24 13:30	05/16/24 23:39	208-96-8	
Anthracene	0.023J	ug/L	0.050	0.018	1	05/16/24 13:30	05/16/24 23:39	120-12-7	
Benzo(a)anthracene	0.048J	ug/L	0.050	0.014	1	05/16/24 13:30	05/16/24 23:39	56-55-3	
Benzo(a)pyrene	0.068	ug/L	0.050	0.013	1	05/16/24 13:30	05/16/24 23:39	50-32-8	
Benzo(b)fluoranthene	0.11	ug/L	0.050	0.0091	1	05/16/24 13:30	05/16/24 23:39	205-99-2	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424023 Lab ID: 40278319023 Collected: 05/14/24 17:15 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(g,h,i)perylene	0.075	ug/L	0.050	0.023	1	05/16/24 13:30	05/16/24 23:39	191-24-2	
Benzo(k)fluoranthene	0.044J	ug/L	0.050	0.022	1	05/16/24 13:30	05/16/24 23:39	207-08-9	
Chrysene	0.079	ug/L	0.050	0.013	1	05/16/24 13:30	05/16/24 23:39	218-01-9	
Dibenz(a,h)anthracene	<0.018	ug/L	0.050	0.018	1	05/16/24 13:30	05/16/24 23:39	53-70-3	
Fluoranthene	0.16	ug/L	0.050	0.026	1	05/16/24 13:30	05/16/24 23:39	206-44-0	
Fluorene	<0.024	ug/L	0.050	0.024	1	05/16/24 13:30	05/16/24 23:39	86-73-7	
Indeno(1,2,3-cd)pyrene	0.068	ug/L	0.050	0.016	1	05/16/24 13:30	05/16/24 23:39	193-39-5	
1-Methylnaphthalene	<0.018	ug/L	0.050	0.018	1	05/16/24 13:30	05/16/24 23:39	90-12-0	
2-Methylnaphthalene	<0.014	ug/L	0.050	0.014	1	05/16/24 13:30	05/16/24 23:39	91-57-6	
Naphthalene	0.069	ug/L	0.050	0.020	1	05/16/24 13:30	05/16/24 23:39	91-20-3	1q
Phenanthrene	0.091	ug/L	0.050	0.026	1	05/16/24 13:30	05/16/24 23:39	85-01-8	
Pyrene	0.12	ug/L	0.050	0.023	1	05/16/24 13:30	05/16/24 23:39	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	76	%	38-120		1	05/16/24 13:30	05/16/24 23:39	321-60-8	
Terphenyl-d14 (S)	98	%	47-121		1	05/16/24 13:30	05/16/24 23:39	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		05/16/24 23:18	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/16/24 23:18	100-41-4	
<b>Surrogates</b>									
Toluene-d8 (S)	96	%	70-130		1		05/16/24 23:18	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/16/24 23:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		05/16/24 23:18	2199-69-1	

Sample: 051424024 Lab ID: 40278319024 Collected: 05/14/24 17:20 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.014	ug/L	0.050	0.014	1	05/20/24 08:41	05/22/24 13:15	83-32-9	
Acenaphthylene	<0.013	ug/L	0.050	0.013	1	05/20/24 08:41	05/22/24 13:15	208-96-8	
Anthracene	<0.018	ug/L	0.050	0.018	1	05/20/24 08:41	05/22/24 13:15	120-12-7	
Benzo(a)anthracene	0.020J	ug/L	0.050	0.014	1	05/20/24 08:41	05/22/24 13:15	56-55-3	
Benzo(a)pyrene	0.022J	ug/L	0.050	0.013	1	05/20/24 08:41	05/22/24 13:15	50-32-8	
Benzo(b)fluoranthene	0.035J	ug/L	0.050	0.0091	1	05/20/24 08:41	05/22/24 13:15	205-99-2	
Benzo(g,h,i)perylene	<0.023	ug/L	0.050	0.023	1	05/20/24 08:41	05/22/24 13:15	191-24-2	
Benzo(k)fluoranthene	<0.022	ug/L	0.050	0.022	1	05/20/24 08:41	05/22/24 13:15	207-08-9	
Chrysene	0.024J	ug/L	0.050	0.013	1	05/20/24 08:41	05/22/24 13:15	218-01-9	
Dibenz(a,h)anthracene	<0.018	ug/L	0.050	0.018	1	05/20/24 08:41	05/22/24 13:15	53-70-3	L2
Fluoranthene	0.057	ug/L	0.050	0.026	1	05/20/24 08:41	05/22/24 13:15	206-44-0	
Fluorene	<0.024	ug/L	0.050	0.024	1	05/20/24 08:41	05/22/24 13:15	86-73-7	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051424024 Lab ID: 40278319024 Collected: 05/14/24 17:20 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	0.020J	ug/L	0.050	0.016	1	05/20/24 08:41	05/22/24 13:15	193-39-5	
1-Methylnaphthalene	<0.018	ug/L	0.050	0.018	1	05/20/24 08:41	05/22/24 13:15	90-12-0	
2-Methylnaphthalene	<0.014	ug/L	0.050	0.014	1	05/20/24 08:41	05/22/24 13:15	91-57-6	
Naphthalene	0.090	ug/L	0.050	0.020	1	05/20/24 08:41	05/22/24 13:15	91-20-3	2q,B
Phenanthrene	0.035J	ug/L	0.050	0.026	1	05/20/24 08:41	05/22/24 13:15	85-01-8	
Pyrene	0.046J	ug/L	0.050	0.023	1	05/20/24 08:41	05/22/24 13:15	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	62	%	38-120		1	05/20/24 08:41	05/22/24 13:15	321-60-8	
Terphenyl-d14 (S)	61	%	47-121		1	05/20/24 08:41	05/22/24 13:15	1718-51-0	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 22:02	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 22:02	100-41-4	
<b>Surrogates</b>									
Toluene-d8 (S)	91	%	70-130		1		05/17/24 22:02	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/17/24 22:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		05/17/24 22:02	2199-69-1	

Sample: 051424025 Lab ID: 40278319025 Collected: 05/14/24 17:44 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Acenaphthene	7.8	ug/L	5.0	1.4	100	05/20/24 08:41	05/22/24 13:33	83-32-9	
Acenaphthylene	2.3J	ug/L	5.0	1.3	100	05/20/24 08:41	05/22/24 13:33	208-96-8	
Anthracene	5.5	ug/L	5.0	1.8	100	05/20/24 08:41	05/22/24 13:33	120-12-7	
Benzo(a)anthracene	3.4J	ug/L	5.0	1.4	100	05/20/24 08:41	05/22/24 13:33	56-55-3	
Benzo(a)pyrene	2.6J	ug/L	5.0	1.3	100	05/20/24 08:41	05/22/24 13:33	50-32-8	
Benzo(b)fluoranthene	2.9J	ug/L	5.0	0.91	100	05/20/24 08:41	05/22/24 13:33	205-99-2	
Benzo(g,h,i)perylene	<2.3	ug/L	5.0	2.3	100	05/20/24 08:41	05/22/24 13:33	191-24-2	
Benzo(k)fluoranthene	<2.2	ug/L	5.0	2.2	100	05/20/24 08:41	05/22/24 13:33	207-08-9	
Chrysene	2.7J	ug/L	5.0	1.3	100	05/20/24 08:41	05/22/24 13:33	218-01-9	
Dibenz(a,h)anthracene	<1.8	ug/L	5.0	1.8	100	05/20/24 08:41	05/22/24 13:33	53-70-3	L2
Fluoranthene	6.9	ug/L	5.0	2.6	100	05/20/24 08:41	05/22/24 13:33	206-44-0	
Fluorene	3.2J	ug/L	5.0	2.4	100	05/20/24 08:41	05/22/24 13:33	86-73-7	
Indeno(1,2,3-cd)pyrene	1.6J	ug/L	5.0	1.6	100	05/20/24 08:41	05/22/24 13:33	193-39-5	
1-Methylnaphthalene	15.9	ug/L	5.0	1.8	100	05/20/24 08:41	05/22/24 13:33	90-12-0	
2-Methylnaphthalene	15.5	ug/L	5.0	1.4	100	05/20/24 08:41	05/22/24 13:33	91-57-6	
Naphthalene	550	ug/L	5.0	2.0	100	05/20/24 08:41	05/22/24 13:33	91-20-3	2q
Phenanthrene	7.5	ug/L	5.0	2.6	100	05/20/24 08:41	05/22/24 13:33	85-01-8	
Pyrene	5.6	ug/L	5.0	2.3	100	05/20/24 08:41	05/22/24 13:33	129-00-0	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

**Sample: 051424025**      **Lab ID: 40278319025**      Collected: 05/14/24 17:44      Received: 05/15/24 10:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM      Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	105	%	38-120		100	05/20/24 08:41	05/22/24 13:33	321-60-8	
Terphenyl-d14 (S)	139	%	47-121		100	05/20/24 08:41	05/22/24 13:33	1718-51-0	S4
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<b>2160</b>	ug/L	100	29.5	100		05/17/24 23:09	71-43-2	
Ethylbenzene	<b>1760</b>	ug/L	100	32.5	100		05/17/24 23:09	100-41-4	
<b>Surrogates</b>									
Toluene-d8 (S)	92	%	70-130		100		05/17/24 23:09	2037-26-5	D3
4-Bromofluorobenzene (S)	98	%	70-130		100		05/17/24 23:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		100		05/17/24 23:09	2199-69-1	

**Sample: 051424026**      **Lab ID: 40278319026**      Collected: 05/14/24 18:04      Received: 05/15/24 10:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM      Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Acenaphthene	<b>36.5</b>	ug/L	3.5	0.97	70	05/20/24 08:41	05/22/24 19:22	83-32-9	
Acenaphthylene	<b>51.8</b>	ug/L	3.5	0.88	70	05/20/24 08:41	05/22/24 19:22	208-96-8	
Anthracene	<b>36.4</b>	ug/L	3.5	1.3	70	05/20/24 08:41	05/22/24 19:22	120-12-7	
Benzo(a)anthracene	<b>37.6</b>	ug/L	3.5	0.95	70	05/20/24 08:41	05/22/24 19:22	56-55-3	
Benzo(a)pyrene	<b>26.2</b>	ug/L	3.5	0.89	70	05/20/24 08:41	05/22/24 19:22	50-32-8	
Benzo(b)fluoranthene	<b>30.4</b>	ug/L	3.5	0.64	70	05/20/24 08:41	05/22/24 19:22	205-99-2	
Benzo(g,h,i)perylene	<b>11.4</b>	ug/L	3.5	1.6	70	05/20/24 08:41	05/22/24 19:22	191-24-2	
Benzo(k)fluoranthene	<b>12.5</b>	ug/L	3.5	1.6	70	05/20/24 08:41	05/22/24 19:22	207-08-9	
Chrysene	<b>28.1</b>	ug/L	3.5	0.88	70	05/20/24 08:41	05/22/24 19:22	218-01-9	
Dibenz(a,h)anthracene	<b>2.4J</b>	ug/L	3.5	1.2	70	05/20/24 08:41	05/22/24 19:22	53-70-3	L2
Fluoranthene	<b>129</b>	ug/L	3.5	1.8	70	05/20/24 08:41	05/22/24 19:22	206-44-0	
Fluorene	<b>36.7</b>	ug/L	3.5	1.6	70	05/20/24 08:41	05/22/24 19:22	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>11.5</b>	ug/L	3.5	1.1	70	05/20/24 08:41	05/22/24 19:22	193-39-5	
1-Methylnaphthalene	<b>37.0</b>	ug/L	3.5	1.3	70	05/20/24 08:41	05/22/24 19:22	90-12-0	
2-Methylnaphthalene	<b>45.9</b>	ug/L	3.5	0.97	70	05/20/24 08:41	05/22/24 19:22	91-57-6	
Naphthalene	<b>1110</b>	ug/L	3.5	1.4	70	05/20/24 08:41	05/22/24 19:22	91-20-3	2q
Phenanthrene	<b>125</b>	ug/L	3.5	1.8	70	05/20/24 08:41	05/22/24 19:22	85-01-8	
Pyrene	<b>91.1</b>	ug/L	3.5	1.6	70	05/20/24 08:41	05/22/24 19:22	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	38-120		70	05/20/24 08:41	05/22/24 19:22	321-60-8	
Terphenyl-d14 (S)	47	%	47-121		70	05/20/24 08:41	05/22/24 19:22	1718-51-0	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

**Sample: 051424026**      **Lab ID: 40278319026**      Collected: 05/14/24 18:04      Received: 05/15/24 10:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	4710	ug/L	100	29.5	100		05/17/24 23:26	71-43-2	
Ethylbenzene	205	ug/L	100	32.5	100		05/17/24 23:26	100-41-4	
<b>Surrogates</b>									
Toluene-d8 (S)	91	%	70-130		100		05/17/24 23:26	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		100		05/17/24 23:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		100		05/17/24 23:26	2199-69-1	

**Sample: 051424027**      **Lab ID: 40278319027**      Collected: 05/14/24 18:15      Received: 05/15/24 10:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		05/21/24 10:13	74-82-8	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<58.7	ug/L	250	58.7	1	05/16/24 06:22	05/24/24 16:43	7429-90-5	
Antimony, Dissolved	<0.15	ug/L	1.0	0.15	1	05/16/24 06:22	05/24/24 16:43	7440-36-0	
Copper, Dissolved	<1.9	ug/L	6.4	1.9	1	05/16/24 06:22	05/24/24 16:43	7440-50-8	
Iron, Dissolved	<58.0	ug/L	250	58.0	1	05/16/24 06:22	05/24/24 16:43	7439-89-6	
Manganese, Dissolved	<1.2	ug/L	4.0	1.2	1	05/16/24 06:22	05/24/24 16:43	7439-96-5	
Nickel, Dissolved	<0.28	ug/L	1.0	0.28	1	05/16/24 06:22	05/24/24 16:43	7440-02-0	
Silver, Dissolved	<0.13	ug/L	0.50	0.13	1	05/16/24 06:22	05/24/24 16:43	7440-22-4	
Vanadium, Dissolved	<0.32	ug/L	1.0	0.32	1	05/16/24 06:22	05/24/24 16:43	7440-62-2	
Zinc, Dissolved	<10.3	ug/L	34.4	10.3	1	05/16/24 06:22	05/24/24 16:43	7440-66-6	
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM      Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	<0.014	ug/L	0.050	0.014	1	05/20/24 08:41	05/22/24 13:52	83-32-9	
Acenaphthylene	<0.013	ug/L	0.050	0.013	1	05/20/24 08:41	05/22/24 13:52	208-96-8	
Anthracene	<0.018	ug/L	0.050	0.018	1	05/20/24 08:41	05/22/24 13:52	120-12-7	
Benzo(a)anthracene	<0.014	ug/L	0.050	0.014	1	05/20/24 08:41	05/22/24 13:52	56-55-3	
Benzo(a)pyrene	<0.013	ug/L	0.050	0.013	1	05/20/24 08:41	05/22/24 13:52	50-32-8	
Benzo(b)fluoranthene	<0.0091	ug/L	0.050	0.0091	1	05/20/24 08:41	05/22/24 13:52	205-99-2	
Benzo(g,h,i)perylene	<0.023	ug/L	0.050	0.023	1	05/20/24 08:41	05/22/24 13:52	191-24-2	
Benzo(k)fluoranthene	<0.022	ug/L	0.050	0.022	1	05/20/24 08:41	05/22/24 13:52	207-08-9	
Chrysene	<0.013	ug/L	0.050	0.013	1	05/20/24 08:41	05/22/24 13:52	218-01-9	
Dibenz(a,h)anthracene	<0.018	ug/L	0.050	0.018	1	05/20/24 08:41	05/22/24 13:52	53-70-3	L2
Fluoranthene	<0.026	ug/L	0.050	0.026	1	05/20/24 08:41	05/22/24 13:52	206-44-0	
Fluorene	<0.024	ug/L	0.050	0.024	1	05/20/24 08:41	05/22/24 13:52	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.016	ug/L	0.050	0.016	1	05/20/24 08:41	05/22/24 13:52	193-39-5	
1-Methylnaphthalene	<0.018	ug/L	0.050	0.018	1	05/20/24 08:41	05/22/24 13:52	90-12-0	

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### ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

**Sample: 051424027**      **Lab ID: 40278319027**      Collected: 05/14/24 18:15      Received: 05/15/24 10:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM      Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<0.014	ug/L	0.050	0.014	1	05/20/24 08:41	05/22/24 13:52	91-57-6	
Naphthalene	0.16	ug/L	0.050	0.020	1	05/20/24 08:41	05/22/24 13:52	91-20-3	2q,B
Phenanthrene	<0.026	ug/L	0.050	0.026	1	05/20/24 08:41	05/22/24 13:52	85-01-8	
Pyrene	<0.023	ug/L	0.050	0.023	1	05/20/24 08:41	05/22/24 13:52	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	38-120		1	05/20/24 08:41	05/22/24 13:52	321-60-8	
Terphenyl-d14 (S)	62	%	47-121		1	05/20/24 08:41	05/22/24 13:52	1718-51-0	

<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 22:18	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 22:18	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 22:18	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 22:18	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 22:18	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 22:18	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	91	%	70-130		1		05/17/24 22:18	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		05/17/24 22:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		05/17/24 22:18	2199-69-1	

<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	<0.44	mg/L	2.0	0.44	1		05/23/24 17:26	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<7.4	mg/L	25.0	7.4	1		05/28/24 10:18		
<b>353.2 Nitrogen, NO2/NO3 pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		05/24/24 09:09		

**Sample: 051524028**      **Lab ID: 40278319028**      Collected: 05/15/24 07:37      Received: 05/15/24 10:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM      Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Acenaphthene	10.4	ug/L	1.5	0.42	30	05/20/24 08:41	05/22/24 19:41	83-32-9	
Acenaphthylene	4.9	ug/L	1.5	0.38	30	05/20/24 08:41	05/22/24 19:41	208-96-8	
Anthracene	5.6	ug/L	1.5	0.56	30	05/20/24 08:41	05/22/24 19:41	120-12-7	
Benzo(a)anthracene	6.6	ug/L	1.5	0.41	30	05/20/24 08:41	05/22/24 19:41	56-55-3	

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## ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051524028 Lab ID: 40278319028 Collected: 05/15/24 07:37 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(a)pyrene	6.3	ug/L	1.5	0.38	30	05/20/24 08:41	05/22/24 19:41	50-32-8	
Benzo(b)fluoranthene	7.2	ug/L	1.5	0.27	30	05/20/24 08:41	05/22/24 19:41	205-99-2	
Benzo(g,h,i)perylene	3.5	ug/L	1.5	0.70	30	05/20/24 08:41	05/22/24 19:41	191-24-2	
Benzo(k)fluoranthene	2.8	ug/L	1.5	0.67	30	05/20/24 08:41	05/22/24 19:41	207-08-9	
Chrysene	5.8	ug/L	1.5	0.38	30	05/20/24 08:41	05/22/24 19:41	218-01-9	
Dibenz(a,h)anthracene	0.66J	ug/L	1.5	0.53	30	05/20/24 08:41	05/22/24 19:41	53-70-3	L2
Fluoranthene	18.9	ug/L	1.5	0.78	30	05/20/24 08:41	05/22/24 19:41	206-44-0	
Fluorene	5.8	ug/L	1.5	0.70	30	05/20/24 08:41	05/22/24 19:41	86-73-7	
Indeno(1,2,3-cd)pyrene	3.4	ug/L	1.5	0.46	30	05/20/24 08:41	05/22/24 19:41	193-39-5	
1-Methylnaphthalene	7.8	ug/L	1.5	0.54	30	05/20/24 08:41	05/22/24 19:41	90-12-0	
2-Methylnaphthalene	4.1	ug/L	1.5	0.41	30	05/20/24 08:41	05/22/24 19:41	91-57-6	
Naphthalene	254	ug/L	1.5	0.60	30	05/20/24 08:41	05/22/24 19:41	91-20-3	2q
Phenanthrene	18.7	ug/L	1.5	0.77	30	05/20/24 08:41	05/22/24 19:41	85-01-8	
Pyrene	13.7	ug/L	1.5	0.68	30	05/20/24 08:41	05/22/24 19:41	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	57	%	38-120		30	05/20/24 08:41	05/22/24 19:41	321-60-8	
Terphenyl-d14 (S)	51	%	47-121		30	05/20/24 08:41	05/22/24 19:41	1718-51-0	

**8260 MSV UST**

Analytical Method: EPA 8260

Pace Analytical Services - Green Bay

Benzene	975	ug/L	20.0	5.9	20		05/17/24 23:43	71-43-2	
Ethylbenzene	60.3	ug/L	20.0	6.5	20		05/17/24 23:43	100-41-4	
<b>Surrogates</b>									
Toluene-d8 (S)	92	%	70-130		20		05/17/24 23:43	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		20		05/17/24 23:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		20		05/17/24 23:43	2199-69-1	

**Sample: 051524029**

Lab ID: 40278319029 Collected: 05/15/24 00:00 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 18:38	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 18:38	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 18:38	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 18:38	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 18:38	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 18:38	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	94	%	70-130		1		05/17/24 18:38	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		05/17/24 18:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	94	%	70-130		1		05/17/24 18:38	2199-69-1	

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### ANALYTICAL RESULTS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Sample: 051524030 Lab ID: 40278319030 Collected: 05/15/24 00:00 Received: 05/15/24 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		05/17/24 18:55	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/17/24 18:55	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/17/24 18:55	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/17/24 18:55	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		05/17/24 18:55	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		05/17/24 18:55	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	94	%	70-130		1		05/17/24 18:55	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		05/17/24 18:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		05/17/24 18:55	2199-69-1	

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	474772	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:	40278319001, 40278319002, 40278319003, 40278319004, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319014, 40278319015, 40278319016, 40278319017, 40278319018, 40278319019, 40278319020		

METHOD BLANK:	2719293	Matrix:	Water
Associated Lab Samples:	40278319001, 40278319002, 40278319003, 40278319004, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319014, 40278319015, 40278319016, 40278319017, 40278319018, 40278319019, 40278319020		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	05/20/24 09:54	

LABORATORY CONTROL SAMPLE & LCSD:	2719294	2719295									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Methane	ug/L	28.6	27.1	29.8	95	104	73-121	9	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2719296	2719297										
Parameter	Units	40278319004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	690	286	286	1840	1580	404	311	10-184	16	33	M1

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch: 474902	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: 40278319021, 40278319027

METHOD BLANK: 2719678 Matrix: Water

Associated Lab Samples: 40278319021, 40278319027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	05/21/24 09:25	

LABORATORY CONTROL SAMPLE & LCSD: 2719679 2719680

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	27.5	30.8	96	108	73-121	11	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2719808 2719809

Parameter	Units	40278319027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	<0.58	28.6	28.6	27.3	29.9	96	105	10-184	9	33	

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	474540	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40278319001, 40278319002, 40278319003, 40278319004, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319015, 40278319016, 40278319017, 40278319018, 40278319019, 40278319020, 40278319021		

METHOD BLANK: 2717329 Matrix: Water  
 Associated Lab Samples: 40278319001, 40278319002, 40278319003, 40278319004, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319015, 40278319016, 40278319017, 40278319018, 40278319019, 40278319020, 40278319021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	<58.7	250	05/24/24 04:47	
Antimony, Dissolved	ug/L	<0.15	1.0	05/24/24 04:47	
Copper, Dissolved	ug/L	<1.9	6.4	05/24/24 04:47	
Iron, Dissolved	ug/L	<58.0	250	05/24/24 04:47	
Manganese, Dissolved	ug/L	<1.2	4.0	05/24/24 04:47	
Nickel, Dissolved	ug/L	<0.28	1.0	05/24/24 04:47	
Silver, Dissolved	ug/L	<0.13	0.50	05/24/24 04:47	
Vanadium, Dissolved	ug/L	<0.32	1.0	05/24/24 04:47	
Zinc, Dissolved	ug/L	<10.3	34.4	05/24/24 04:47	

LABORATORY CONTROL SAMPLE: 2717330

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	11100	111	80-120	
Antimony, Dissolved	ug/L	250	277	111	80-120	
Copper, Dissolved	ug/L	250	277	111	80-120	
Iron, Dissolved	ug/L	10000	11100	111	80-120	
Manganese, Dissolved	ug/L	250	282	113	80-120	
Nickel, Dissolved	ug/L	250	280	112	80-120	
Silver, Dissolved	ug/L	125	138	110	80-120	
Vanadium, Dissolved	ug/L	250	277	111	80-120	
Zinc, Dissolved	ug/L	250	283	113	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2717331 2717332

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40278319004 Result	Spike Conc.	Spike Conc.	Conc.								
Aluminum, Dissolved	ug/L	<117	10000	10000	10800	11000	107	109	75-125	2	20		
Antimony, Dissolved	ug/L	3.2	250	250	279	284	111	112	75-125	2	20		
Copper, Dissolved	ug/L	5.5J	250	250	263	268	103	105	75-125	2	20		
Iron, Dissolved	ug/L	166J	10000	10000	10500	10800	104	106	75-125	3	20		
Manganese, Dissolved	ug/L	713	250	250	969	997	102	114	75-125	3	20		
Nickel, Dissolved	ug/L	2.5	250	250	261	267	103	106	75-125	2	20		
Silver, Dissolved	ug/L	<0.25	125	125	132	135	106	108	75-125	2	20		

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### QUALITY CONTROL DATA

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Parameter	Units	2717331		2717332		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40278319004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Vanadium, Dissolved	ug/L	2.7	250	250	270	277	107	110	75-125	2	20		
Zinc, Dissolved	ug/L	<20.7	250	250	267	275	106	109	75-125	3	20		

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch: 474542	Analysis Method: EPA 6020B
QC Batch Method: EPA 3010A	Analysis Description: 6020B MET Dissolved
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40278319027

METHOD BLANK: 2717333 Matrix: Water

Associated Lab Samples: 40278319027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	<58.7	250	05/24/24 14:19	
Antimony, Dissolved	ug/L	<0.15	1.0	05/24/24 14:19	
Copper, Dissolved	ug/L	<1.9	6.4	05/24/24 14:19	
Iron, Dissolved	ug/L	<58.0	250	05/24/24 14:19	
Manganese, Dissolved	ug/L	<1.2	4.0	05/24/24 14:19	
Nickel, Dissolved	ug/L	<0.28	1.0	05/24/24 14:19	
Silver, Dissolved	ug/L	<0.13	0.50	05/24/24 14:19	
Vanadium, Dissolved	ug/L	<0.32	1.0	05/24/24 14:19	
Zinc, Dissolved	ug/L	<10.3	34.4	05/24/24 14:19	

LABORATORY CONTROL SAMPLE: 2717334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	10500	105	80-120	
Antimony, Dissolved	ug/L	250	254	102	80-120	
Copper, Dissolved	ug/L	250	258	103	80-120	
Iron, Dissolved	ug/L	10000	10300	103	80-120	
Manganese, Dissolved	ug/L	250	259	104	80-120	
Nickel, Dissolved	ug/L	250	251	101	80-120	
Silver, Dissolved	ug/L	125	131	104	80-120	
Vanadium, Dissolved	ug/L	250	256	103	80-120	
Zinc, Dissolved	ug/L	250	264	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2717335 2717336

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40278296001 Result	Spike Conc.	Spike Conc.	Result						
Aluminum, Dissolved	ug/L	<58.7	10000	10000	9870	9510	99	95	75-125	4	20
Antimony, Dissolved	ug/L	<0.15	250	250	244	242	98	97	75-125	1	20
Copper, Dissolved	ug/L	<1.9	250	250	233	230	93	92	75-125	1	20
Iron, Dissolved	ug/L	<58.0	10000	10000	9530	9470	95	95	75-125	1	20
Manganese, Dissolved	ug/L	112	250	250	352	349	96	95	75-125	1	20
Nickel, Dissolved	ug/L	4.2	250	250	233	230	91	90	75-125	1	20
Silver, Dissolved	ug/L	<0.13	125	125	118	116	94	93	75-125	1	20
Vanadium, Dissolved	ug/L	0.72J	250	250	241	240	96	96	75-125	1	20
Zinc, Dissolved	ug/L	<10.3	250	250	246	244	96	95	75-125	1	20

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QUALITY CONTROL DATA

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	474557	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV UST-WATER
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40278319021, 40278319022, 40278319023

METHOD BLANK: 2717377 Matrix: Water

Associated Lab Samples: 40278319021, 40278319022, 40278319023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	05/16/24 14:33	
Ethylbenzene	ug/L	<0.33	1.0	05/16/24 14:33	
m&p-Xylene	ug/L	<0.70	2.0	05/16/24 14:33	
o-Xylene	ug/L	<0.35	1.0	05/16/24 14:33	
Toluene	ug/L	<0.29	1.0	05/16/24 14:33	
Xylene (Total)	ug/L	<1.0	3.0	05/16/24 14:33	
1,2-Dichlorobenzene-d4 (S)	%	97	70-130	05/16/24 14:33	
4-Bromofluorobenzene (S)	%	101	70-130	05/16/24 14:33	
Toluene-d8 (S)	%	93	70-130	05/16/24 14:33	

LABORATORY CONTROL SAMPLE: 2717378

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	54.4	109	70-130	
Ethylbenzene	ug/L	50	46.6	93	80-125	
m&p-Xylene	ug/L	100	90.0	90	70-130	
o-Xylene	ug/L	50	45.4	91	70-130	
Toluene	ug/L	50	47.7	95	80-120	
Xylene (Total)	ug/L	150	135	90	70-130	
1,2-Dichlorobenzene-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			95	70-130	

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	474598	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV UST-WATER
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40278319024, 40278319025, 40278319026, 40278319027, 40278319028, 40278319029, 40278319030

METHOD BLANK: 2717720 Matrix: Water

Associated Lab Samples: 40278319024, 40278319025, 40278319026, 40278319027, 40278319028, 40278319029, 40278319030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	05/17/24 14:08	
Ethylbenzene	ug/L	<0.33	1.0	05/17/24 14:08	
m&p-Xylene	ug/L	<0.70	2.0	05/17/24 14:08	
o-Xylene	ug/L	<0.35	1.0	05/17/24 14:08	
Toluene	ug/L	<0.29	1.0	05/17/24 14:08	
Xylene (Total)	ug/L	<1.0	3.0	05/17/24 14:08	
1,2-Dichlorobenzene-d4 (S)	%	95	70-130	05/17/24 14:08	
4-Bromofluorobenzene (S)	%	98	70-130	05/17/24 14:08	
Toluene-d8 (S)	%	95	70-130	05/17/24 14:08	

LABORATORY CONTROL SAMPLE: 2717721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	53.7	107	70-130	
Ethylbenzene	ug/L	50	43.6	87	80-125	
m&p-Xylene	ug/L	100	84.9	85	70-130	
o-Xylene	ug/L	50	42.2	84	70-130	
Toluene	ug/L	50	44.3	89	80-120	
Xylene (Total)	ug/L	150	127	85	70-130	
1,2-Dichlorobenzene-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			91	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2717722 2717723

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40278275006 Result	Spike Conc.	Spike Conc.	MS Result						
Benzene	ug/L	<1.0	50	50	58.2	58.6	116	117	70-130	1	20
Ethylbenzene	ug/L	<1.0	50	50	47.2	46.5	94	93	80-126	1	20
m&p-Xylene	ug/L	<2.0	100	100	90.5	88.5	90	89	70-130	2	20
o-Xylene	ug/L	<1.0	50	50	46.0	45.1	92	90	70-130	2	20
Toluene	ug/L	<1.0	50	50	47.9	47.0	96	94	80-121	2	20
Xylene (Total)	ug/L	<3.0	150	150	136	134	91	89	70-130	2	20
1,2-Dichlorobenzene-d4 (S)	%						99	96	70-130		
4-Bromofluorobenzene (S)	%						97	96	70-130		
Toluene-d8 (S)	%						91	92	70-130		

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	474600	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV UST-WATER
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40278319001, 40278319002, 40278319003, 40278319004, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319014, 40278319015, 40278319016, 40278319017, 40278319018, 40278319019, 40278319020		

METHOD BLANK: 2717728 Matrix: Water  
 Associated Lab Samples: 40278319001, 40278319002, 40278319003, 40278319004, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319014, 40278319015, 40278319016, 40278319017, 40278319018, 40278319019, 40278319020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	05/17/24 15:21	
Ethylbenzene	ug/L	<0.33	1.0	05/17/24 15:21	
m&p-Xylene	ug/L	<0.70	2.0	05/17/24 15:21	
o-Xylene	ug/L	<0.35	1.0	05/17/24 15:21	
Toluene	ug/L	<0.29	1.0	05/17/24 15:21	
Xylene (Total)	ug/L	<1.0	3.0	05/17/24 15:21	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	05/17/24 15:21	
4-Bromofluorobenzene (S)	%	95	70-130	05/17/24 15:21	
Toluene-d8 (S)	%	100	70-130	05/17/24 15:21	

LABORATORY CONTROL SAMPLE: 2717729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	52.9	106	70-130	
Ethylbenzene	ug/L	50	54.2	108	80-125	
m&p-Xylene	ug/L	100	108	108	70-130	
o-Xylene	ug/L	50	53.8	108	70-130	
Toluene	ug/L	50	52.2	104	80-120	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2717730 2717731

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40278319004 Result	Spike Conc.	Spike Conc.	MS Conc.								
Benzene	ug/L	72.8	50	50	276	278	406	410	70-130	1	20	M1	
Ethylbenzene	ug/L	0.50J	50	50	56.4	60.4	112	120	80-126	7	20		
m&p-Xylene	ug/L	6.9	100	100	123	128	116	121	70-130	4	20		
o-Xylene	ug/L	11.9	50	50	84.6	87.6	145	151	70-130	3	20	M1	
Toluene	ug/L	<0.29	50	50	47.6	50.1	95	100	80-121	5	20		
Xylene (Total)	ug/L	18.8	150	150	207	216	126	131	70-130	4	20	MS	
1,2-Dichlorobenzene-d4 (S)	%						99	100	70-130				

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**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2717730 2717731												
Parameter	Units	40278319004 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
4-Bromofluorobenzene (S)	%						95	97	70-130			
Toluene-d8 (S)	%						102	102	70-130			

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch: 474563 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: 40278319001, 40278319002, 40278319003, 40278319004

METHOD BLANK: 2717404 Matrix: Water

Associated Lab Samples: 40278319001, 40278319002, 40278319003, 40278319004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	05/16/24 14:51	
2-Methylnaphthalene	ug/L	<0.014	0.050	05/16/24 14:51	
Acenaphthene	ug/L	<0.014	0.050	05/16/24 14:51	
Acenaphthylene	ug/L	<0.013	0.050	05/16/24 14:51	
Anthracene	ug/L	<0.018	0.050	05/16/24 14:51	
Benzo(a)anthracene	ug/L	<0.014	0.050	05/16/24 14:51	
Benzo(a)pyrene	ug/L	<0.013	0.050	05/16/24 14:51	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	05/16/24 14:51	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	05/16/24 14:51	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	05/16/24 14:51	
Chrysene	ug/L	<0.013	0.050	05/16/24 14:51	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	05/16/24 14:51	
Fluoranthene	ug/L	<0.026	0.050	05/16/24 14:51	
Fluorene	ug/L	<0.024	0.050	05/16/24 14:51	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	05/16/24 14:51	
Naphthalene	ug/L	<0.020	0.050	05/16/24 14:51	
Phenanthrene	ug/L	<0.026	0.050	05/16/24 14:51	
Pyrene	ug/L	<0.023	0.050	05/16/24 14:51	
2-Fluorobiphenyl (S)	%	63	38-120	05/16/24 14:51	
Terphenyl-d14 (S)	%	65	47-121	05/16/24 14:51	

LABORATORY CONTROL SAMPLE: 2717405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.6	78	57-120	
2-Methylnaphthalene	ug/L	2	1.5	77	55-120	
Acenaphthene	ug/L	2	1.6	79	60-120	
Acenaphthylene	ug/L	2	1.7	83	58-120	
Anthracene	ug/L	2	1.8	90	58-120	
Benzo(a)anthracene	ug/L	2	1.9	94	51-120	
Benzo(a)pyrene	ug/L	2	1.7	87	59-120	
Benzo(b)fluoranthene	ug/L	2	1.8	91	52-120	
Benzo(g,h,i)perylene	ug/L	2	1.9	94	62-120	
Benzo(k)fluoranthene	ug/L	2	1.7	87	59-120	
Chrysene	ug/L	2	1.8	92	55-125	
Dibenz(a,h)anthracene	ug/L	2	1.5	74	60-120	
Fluoranthene	ug/L	2	1.9	96	62-120	
Fluorene	ug/L	2	1.7	83	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	2.1	104	62-120	

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

LABORATORY CONTROL SAMPLE: 2717405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.6	78	55-120	
Phenanthrene	ug/L	2	1.8	89	55-120	
Pyrene	ug/L	2	1.6	82	53-120	
2-Fluorobiphenyl (S)	%			76	38-120	
Terphenyl-d14 (S)	%			75	47-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2717406 2717407

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40278319004 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	ug/L	2.2	2	2	6.1	8.5	194	315	33	25	M1,R1
2-Methylnaphthalene	ug/L	<0.14	2	2	1.2	1.4	57	65	12	22	
Acenaphthene	ug/L	1.8	2	2	4.6	5.8	140	206	25	20	M1,R1
Acenaphthylene	ug/L	<0.13	2	2	1.1	1.2	51	55	7	20	
Anthracene	ug/L	<0.18	2	2	1.1	1.2	51	55	8	25	
Benzo(a)anthracene	ug/L	<0.14	2	2	1.1	1.2	50	53	5	25	
Benzo(a)pyrene	ug/L	<0.13	2	2	0.99	1.1	47	51	8	24	
Benzo(b)fluoranthene	ug/L	0.099J	2	2	1.1	1.2	51	55	6	24	
Benzo(g,h,i)perylene	ug/L	<0.23	2	2	1.1	1.2	52	56	7	23	
Benzo(k)fluoranthene	ug/L	<0.22	2	2	1.0	1.1	49	52	6	21	
Chrysene	ug/L	<0.13	2	2	1.1	1.2	52	56	7	23	
Dibenz(a,h)anthracene	ug/L	<0.18	2	2	1.0	1.0	50	50	1	22	
Fluoranthene	ug/L	<0.26	2	2	1.2	1.2	53	56	5	21	M1
Fluorene	ug/L	<0.23	2	2	1.2	1.4	56	63	10	20	
Indeno(1,2,3-cd)pyrene	ug/L	<0.15	2	2	1.2	1.2	55	55	0	23	
Naphthalene	ug/L	56.2	2	2	118	167	3100	5600	35	23	M1,R1
Phenanthrene	ug/L	<0.26	2	2	1.1	1.2	53	57	6	21	
Pyrene	ug/L	<0.23	2	2	1.0	1.1	48	50	4	23	
2-Fluorobiphenyl (S)	%						52	56			
Terphenyl-d14 (S)	%						57	58			

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	474582	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:	40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319014, 40278319015, 40278319016, 40278319017, 40278319018, 40278319019, 40278319020, 40278319021, 40278319022, 40278319023		

METHOD BLANK:	2717512	Matrix:	Water
Associated Lab Samples:	40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319014, 40278319015, 40278319016, 40278319017, 40278319018, 40278319019, 40278319020, 40278319021, 40278319022, 40278319023		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	05/16/24 17:16	
2-Methylnaphthalene	ug/L	<0.014	0.050	05/16/24 17:16	
Acenaphthene	ug/L	<0.014	0.050	05/16/24 17:16	
Acenaphthylene	ug/L	<0.013	0.050	05/16/24 17:16	
Anthracene	ug/L	<0.018	0.050	05/16/24 17:16	
Benzo(a)anthracene	ug/L	<0.014	0.050	05/16/24 17:16	
Benzo(a)pyrene	ug/L	<0.013	0.050	05/16/24 17:16	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	05/16/24 17:16	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	05/16/24 17:16	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	05/16/24 17:16	
Chrysene	ug/L	<0.013	0.050	05/16/24 17:16	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	05/16/24 17:16	
Fluoranthene	ug/L	<0.026	0.050	05/16/24 17:16	
Fluorene	ug/L	<0.024	0.050	05/16/24 17:16	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	05/16/24 17:16	
Naphthalene	ug/L	<0.020	0.050	05/16/24 17:16	
Phenanthrene	ug/L	<0.026	0.050	05/16/24 17:16	
Pyrene	ug/L	<0.023	0.050	05/16/24 17:16	
2-Fluorobiphenyl (S)	%	61	38-120	05/16/24 17:16	
Terphenyl-d14 (S)	%	58	47-121	05/16/24 17:16	

Parameter	Units	LABORATORY CONTROL SAMPLE & LCSD: 2717513								2717514	
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1-Methylnaphthalene	ug/L	2	1.5	1.6	77	79	57-120	2	20		
2-Methylnaphthalene	ug/L	2	1.5	1.6	76	78	55-120	2	20		
Acenaphthene	ug/L	2	1.6	1.6	80	81	60-120	2	20		
Acenaphthylene	ug/L	2	1.6	1.7	82	83	58-120	1	20		
Anthracene	ug/L	2	1.8	1.8	89	90	58-120	0	20		
Benzo(a)anthracene	ug/L	2	1.8	1.8	89	91	51-120	2	20		
Benzo(a)pyrene	ug/L	2	1.7	1.7	85	87	59-120	2	20		
Benzo(b)fluoranthene	ug/L	2	1.8	1.9	90	93	52-120	3	20		
Benzo(g,h,i)perylene	ug/L	2	1.9	1.9	94	95	62-120	1	20		
Benzo(k)fluoranthene	ug/L	2	1.8	1.8	91	91	59-120	1	20		
Chrysene	ug/L	2	1.9	1.9	93	94	55-125	1	20		

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### QUALITY CONTROL DATA

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

LABORATORY CONTROL SAMPLE & LCSD: 2717513			2717514							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Dibenz(a,h)anthracene	ug/L	2	1.6	1.5	78	76	60-120	3	20	
Fluoranthene	ug/L	2	1.9	1.9	96	96	62-120	0	20	
Fluorene	ug/L	2	1.7	1.7	83	83	61-120	1	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	2.0	2.1	99	104	62-120	4	20	
Naphthalene	ug/L	2	1.6	1.6	79	81	55-120	3	20	
Phenanthrene	ug/L	2	1.8	1.8	91	92	55-120	0	20	
Pyrene	ug/L	2	1.6	1.6	82	82	53-120	0	20	
2-Fluorobiphenyl (S)	%				74	75	38-120			
Terphenyl-d14 (S)	%				68	69	47-121			

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### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch: 474742 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: 40278319024, 40278319025, 40278319026, 40278319027, 40278319028

METHOD BLANK: 2719193 Matrix: Water

Associated Lab Samples: 40278319024, 40278319025, 40278319026, 40278319027, 40278319028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	05/21/24 12:52	
2-Methylnaphthalene	ug/L	<0.014	0.050	05/21/24 12:52	
Acenaphthene	ug/L	<0.014	0.050	05/21/24 12:52	
Acenaphthylene	ug/L	<0.013	0.050	05/21/24 12:52	
Anthracene	ug/L	<0.018	0.050	05/21/24 12:52	
Benzo(a)anthracene	ug/L	<0.014	0.050	05/21/24 12:52	
Benzo(a)pyrene	ug/L	<0.013	0.050	05/21/24 12:52	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	05/21/24 12:52	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	05/21/24 12:52	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	05/21/24 12:52	
Chrysene	ug/L	<0.013	0.050	05/21/24 12:52	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	05/21/24 12:52	
Fluoranthene	ug/L	<0.026	0.050	05/21/24 12:52	
Fluorene	ug/L	<0.024	0.050	05/21/24 12:52	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	05/21/24 12:52	
Naphthalene	ug/L	0.023J	0.050	05/21/24 12:52	
Phenanthrene	ug/L	<0.026	0.050	05/21/24 12:52	
Pyrene	ug/L	<0.023	0.050	05/21/24 12:52	
2-Fluorobiphenyl (S)	%	63	38-120	05/21/24 12:52	
Terphenyl-d14 (S)	%	65	47-121	05/21/24 12:52	

LABORATORY CONTROL SAMPLE: 2719194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.4	68	57-120	
2-Methylnaphthalene	ug/L	2	1.3	67	55-120	
Acenaphthene	ug/L	2	1.3	67	60-120	
Acenaphthylene	ug/L	2	1.4	70	58-120	
Anthracene	ug/L	2	1.5	74	58-120	
Benzo(a)anthracene	ug/L	2	1.5	76	51-120	
Benzo(a)pyrene	ug/L	2	1.4	71	59-120	
Benzo(b)fluoranthene	ug/L	2	1.5	76	52-120	
Benzo(g,h,i)perylene	ug/L	2	1.5	75	62-120	
Benzo(k)fluoranthene	ug/L	2	1.4	70	59-120	
Chrysene	ug/L	2	1.5	75	55-125	
Dibenz(a,h)anthracene	ug/L	2	1.2	59	60-120 L2	
Fluoranthene	ug/L	2	1.6	80	62-120	
Fluorene	ug/L	2	1.4	70	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	83	62-120	

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

LABORATORY CONTROL SAMPLE: 2719194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.4	69	55-120	
Phenanthrene	ug/L	2	1.5	75	55-120	
Pyrene	ug/L	2	1.3	65	53-120	
2-Fluorobiphenyl (S)	%			59	38-120	
Terphenyl-d14 (S)	%			58	47-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2719195 2719196

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40278395003 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	ug/L	231	2	2	220	234	-554	125	32-120	6	25 M1
2-Methylnaphthalene	ug/L	5.1J	2	2	5.5J	6.0J	16	41	37-120		22 M1
Acenaphthene	ug/L	64.1	2	2	62.2	66.4	-95	112	52-120	6	20 M1
Acenaphthylene	ug/L	97.6	2	2	94.9	99.2	-139	75	49-120	4	20 M1
Anthracene	ug/L	<3.6	2	2	<3.6	4.5J	-7	47	45-120		25 M1
Benzo(a)anthracene	ug/L	<2.6	2	2	<2.7	<2.8	47	53	31-120		25
Benzo(a)pyrene	ug/L	<2.5	2	2	<2.5	<2.6	40	36	38-120		24 M1
Benzo(b)fluoranthene	ug/L	<1.8	2	2	<1.8	<1.9	50	55	36-120		24
Benzo(g,h,i)perylene	ug/L	<4.5	2	2	<4.6	<4.8	37	40	43-120		23 M1
Benzo(k)fluoranthene	ug/L	<4.3	2	2	<4.4	<4.5	51	53	46-120		21
Chrysene	ug/L	<2.5	2	2	<2.5	<2.6	64	78	39-143		23
Dibenz(a,h)anthracene	ug/L	<3.5	2	2	<3.5	<3.6	28	34	32-125		22 M0
Fluoranthene	ug/L	<5.1	2	2	<5.1	<5.3	49	57	56-120		21 M1
Fluorene	ug/L	<4.6	2	2	<4.6	<4.8	32	52	45-120		20 M1
Indeno(1,2,3-cd)pyrene	ug/L	<3.0	2	2	<3.1	<3.2	38	40	42-120		23 M1
Naphthalene	ug/L	1870	2	2	1800	1930	-3440	3190	50-120	7	23 M1
Phenanthrene	ug/L	16.9	2	2	16.9	17.7	0	43	47-120	5	21 M1
Pyrene	ug/L	<4.4	2	2	<4.5	<4.6	50	46	47-120		23 M1
2-Fluorobiphenyl (S)	%						51	61	38-120		
Terphenyl-d14 (S)	%						48	56	47-121		

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### QUALITY CONTROL DATA

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch: 474968

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: 40278319001, 40278319002, 40278319003, 40278319004, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319015

METHOD BLANK: 2720122

Matrix: Water

Associated Lab Samples: 40278319001, 40278319002, 40278319003, 40278319004, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	05/22/24 18:04	

LABORATORY CONTROL SAMPLE: 2720123

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	21.0	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2720124 2720125

Parameter	Units	40278269001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	107	400	400	577	567	118	115	90-110	2	15	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2720126 2720127

Parameter	Units	40278319004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	45.7	100	100	151	154	106	108	90-110	2	15	

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### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	474985	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:	40278319016, 40278319017, 40278319018, 40278319019, 40278319020, 40278319021, 40278319027		

METHOD BLANK: 2720378 Matrix: Water  
 Associated Lab Samples: 40278319016, 40278319017, 40278319018, 40278319019, 40278319020, 40278319021, 40278319027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	05/23/24 12:12	

LABORATORY CONTROL SAMPLE: 2720379

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.3	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2720380 2720381

Parameter	Units	40278319016		MS		MSD		% Rec		Max		Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Sulfate	mg/L	3.2J	100	100	100	112	111	109	108	90-110	1	15

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2720382 2720383

Parameter	Units	40278329003		MS		MSD		% Rec		Max		Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Sulfate	mg/L	54.7	400	400	400	483	484	107	107	90-110	0	15

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	474762	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:	40278319001, 40278319002, 40278319003, 40278319004, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319015		

METHOD BLANK:	2719256	Matrix:	Water
Associated Lab Samples:	40278319001, 40278319002, 40278319003, 40278319004, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319015		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	05/20/24 14:52	

LABORATORY CONTROL SAMPLE: 2719257

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	102	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2719258 2719259

Parameter	Units	40278155001 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	10600	5000	5000	22900	15800	245	103	90-110	37	20	M0,R1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2719260 2719261

Parameter	Units	40278319004 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	501	200	200	709	710	104	104	90-110	0	20	

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	475346	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:	40278319016, 40278319017, 40278319018, 40278319019, 40278319020, 40278319021, 40278319027		

METHOD BLANK: 2722915 Matrix: Water  
 Associated Lab Samples: 40278319016, 40278319017, 40278319018, 40278319019, 40278319020, 40278319021, 40278319027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	05/28/24 10:05	

LABORATORY CONTROL SAMPLE: 2722916

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	104	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2722917 2722918

Parameter	Units	2722917		2722918		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Alkalinity, Total as CaCO3	mg/L	431	200	646	639	108	104	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2722919 2722920

Parameter	Units	2722919		2722920		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Alkalinity, Total as CaCO3	mg/L	221	100	321	325	101	104	90-110	1	20	

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	474561	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:	40278319001, 40278319002, 40278319003, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319015, 40278319016, 40278319017, 40278319018		

METHOD BLANK:	2717392	Matrix:	Water
Associated Lab Samples:	40278319001, 40278319002, 40278319003, 40278319005, 40278319006, 40278319007, 40278319008, 40278319009, 40278319010, 40278319011, 40278319012, 40278319013, 40278319015, 40278319016, 40278319017, 40278319018		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	05/16/24 11:36	

LABORATORY CONTROL SAMPLE:	2717393					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.6	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2717394			2717395								
Parameter	Units	40278324001 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	0.27	2.5	2.5	2.8	2.8	103	101	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2717396			2717397								
Parameter	Units	40278319018 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	0.077J	2.5	2.5	2.1	2.1	79	82	90-110	3	20 M0	

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**QUALITY CONTROL DATA**

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

QC Batch:	475215	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: 40278319004, 40278319019, 40278319020, 40278319021, 40278319027

METHOD BLANK: 2721747 Matrix: Water  
 Associated Lab Samples: 40278319004, 40278319019, 40278319020, 40278319021, 40278319027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	05/24/24 09:03	

LABORATORY CONTROL SAMPLE: 2721748

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.3	92	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2721749 2721750

Parameter	Units	40278319004		2721749		2721750		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Nitrogen, NO2 plus NO3	mg/L	0.085J	2.5	2.5	2.4	2.4	93	93	90-110	0	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2721751 2721752

Parameter	Units	40278397012		2721751		2721752		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Nitrogen, NO2 plus NO3	mg/L	28.1	12.5	12.5	39.2	39.6	88	92	90-110	1	20	M0	

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### QUALIFIERS

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

#### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

#### BATCH QUALIFIERS

Batch: 474640

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

#### ANALYTE QUALIFIERS

1q Subsampled from poly container [BP3U].

2q This sample was sub-sampled from a poly jar [BP3U1/1].

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).

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

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.

MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.

R1 RPD value was outside control limits.

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

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40278319001	051324001	EPA 8015B Modified	474772		
40278319002	051324002	EPA 8015B Modified	474772		
40278319003	051324003	EPA 8015B Modified	474772		
40278319004	051324004	EPA 8015B Modified	474772		
40278319005	051324005	EPA 8015B Modified	474772		
40278319006	051324006	EPA 8015B Modified	474772		
40278319007	051324007	EPA 8015B Modified	474772		
40278319008	051424008	EPA 8015B Modified	474772		
40278319009	051424009	EPA 8015B Modified	474772		
40278319010	051424010	EPA 8015B Modified	474772		
40278319011	051424011	EPA 8015B Modified	474772		
40278319012	051424012	EPA 8015B Modified	474772		
40278319013	051424013	EPA 8015B Modified	474772		
40278319014	051424014	EPA 8015B Modified	474772		
40278319015	051424015	EPA 8015B Modified	474772		
40278319016	051424016	EPA 8015B Modified	474772		
40278319017	051424017	EPA 8015B Modified	474772		
40278319018	051424018	EPA 8015B Modified	474772		
40278319019	051424019	EPA 8015B Modified	474772		
40278319020	051424020	EPA 8015B Modified	474772		
40278319021	051424021	EPA 8015B Modified	474902		
40278319027	051424027	EPA 8015B Modified	474902		
40278319001	051324001	EPA 3010A	474540	EPA 6020B	474620
40278319002	051324002	EPA 3010A	474540	EPA 6020B	474620
40278319003	051324003	EPA 3010A	474540	EPA 6020B	474620
40278319004	051324004	EPA 3010A	474540	EPA 6020B	474620
40278319005	051324005	EPA 3010A	474540	EPA 6020B	474620
40278319006	051324006	EPA 3010A	474540	EPA 6020B	474620
40278319007	051324007	EPA 3010A	474540	EPA 6020B	474620
40278319008	051424008	EPA 3010A	474540	EPA 6020B	474620
40278319009	051424009	EPA 3010A	474540	EPA 6020B	474620
40278319010	051424010	EPA 3010A	474540	EPA 6020B	474620
40278319011	051424011	EPA 3010A	474540	EPA 6020B	474620
40278319012	051424012	EPA 3010A	474540	EPA 6020B	474620
40278319013	051424013	EPA 3010A	474540	EPA 6020B	474620
40278319015	051424015	EPA 3010A	474540	EPA 6020B	474620
40278319016	051424016	EPA 3010A	474540	EPA 6020B	474620
40278319017	051424017	EPA 3010A	474540	EPA 6020B	474620
40278319018	051424018	EPA 3010A	474540	EPA 6020B	474620
40278319019	051424019	EPA 3010A	474540	EPA 6020B	474620
40278319020	051424020	EPA 3010A	474540	EPA 6020B	474620
40278319021	051424021	EPA 3010A	474540	EPA 6020B	474620
40278319027	051424027	EPA 3010A	474542	EPA 6020B	474622
40278319001	051324001	EPA 3510	474563	EPA 8270E by SIM	474591
40278319002	051324002	EPA 3510	474563	EPA 8270E by SIM	474591
40278319003	051324003	EPA 3510	474563	EPA 8270E by SIM	474591
40278319004	051324004	EPA 3510	474563	EPA 8270E by SIM	474591

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40278319005	051324005	EPA 3510	474582	EPA 8270E by SIM	474640
40278319006	051324006	EPA 3510	474582	EPA 8270E by SIM	474640
40278319007	051324007	EPA 3510	474582	EPA 8270E by SIM	474640
40278319008	051424008	EPA 3510	474582	EPA 8270E by SIM	474640
40278319009	051424009	EPA 3510	474582	EPA 8270E by SIM	474640
40278319010	051424010	EPA 3510	474582	EPA 8270E by SIM	474640
40278319011	051424011	EPA 3510	474582	EPA 8270E by SIM	474640
40278319012	051424012	EPA 3510	474582	EPA 8270E by SIM	474640
40278319013	051424013	EPA 3510	474582	EPA 8270E by SIM	474640
40278319014	051424014	EPA 3510	474582	EPA 8270E by SIM	474640
40278319015	051424015	EPA 3510	474582	EPA 8270E by SIM	474640
40278319016	051424016	EPA 3510	474582	EPA 8270E by SIM	474640
40278319017	051424017	EPA 3510	474582	EPA 8270E by SIM	474640
40278319018	051424018	EPA 3510	474582	EPA 8270E by SIM	474640
40278319019	051424019	EPA 3510	474582	EPA 8270E by SIM	474640
40278319020	051424020	EPA 3510	474582	EPA 8270E by SIM	474640
40278319021	051424021	EPA 3510	474582	EPA 8270E by SIM	474640
40278319022	051424022	EPA 3510	474582	EPA 8270E by SIM	474640
40278319023	051424023	EPA 3510	474582	EPA 8270E by SIM	474640
40278319024	051424024	EPA 3510	474742	EPA 8270E by SIM	474814
40278319025	051424025	EPA 3510	474742	EPA 8270E by SIM	474814
40278319026	051424026	EPA 3510	474742	EPA 8270E by SIM	474814
40278319027	051424027	EPA 3510	474742	EPA 8270E by SIM	474814
40278319028	051524028	EPA 3510	474742	EPA 8270E by SIM	474814
40278319001	051324001	EPA 8260	474600		
40278319002	051324002	EPA 8260	474600		
40278319003	051324003	EPA 8260	474600		
40278319004	051324004	EPA 8260	474600		
40278319005	051324005	EPA 8260	474600		
40278319006	051324006	EPA 8260	474600		
40278319007	051324007	EPA 8260	474600		
40278319008	051424008	EPA 8260	474600		
40278319009	051424009	EPA 8260	474600		
40278319010	051424010	EPA 8260	474600		
40278319011	051424011	EPA 8260	474600		
40278319012	051424012	EPA 8260	474600		
40278319013	051424013	EPA 8260	474600		
40278319014	051424014	EPA 8260	474600		
40278319015	051424015	EPA 8260	474600		
40278319016	051424016	EPA 8260	474600		
40278319017	051424017	EPA 8260	474600		
40278319018	051424018	EPA 8260	474600		
40278319019	051424019	EPA 8260	474600		
40278319020	051424020	EPA 8260	474600		
40278319021	051424021	EPA 8260	474557		
40278319022	051424022	EPA 8260	474557		
40278319023	051424023	EPA 8260	474557		

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40278319024	051424024	EPA 8260	474598		
40278319025	051424025	EPA 8260	474598		
40278319026	051424026	EPA 8260	474598		
40278319027	051424027	EPA 8260	474598		
40278319028	051524028	EPA 8260	474598		
40278319029	051524029	EPA 8260	474598		
40278319030	051524030	EPA 8260	474598		
40278319001	051324001	EPA 300.0	474968		
40278319002	051324002	EPA 300.0	474968		
40278319003	051324003	EPA 300.0	474968		
40278319004	051324004	EPA 300.0	474968		
40278319005	051324005	EPA 300.0	474968		
40278319006	051324006	EPA 300.0	474968		
40278319007	051324007	EPA 300.0	474968		
40278319008	051424008	EPA 300.0	474968		
40278319009	051424009	EPA 300.0	474968		
40278319010	051424010	EPA 300.0	474968		
40278319011	051424011	EPA 300.0	474968		
40278319012	051424012	EPA 300.0	474968		
40278319013	051424013	EPA 300.0	474968		
40278319015	051424015	EPA 300.0	474968		
40278319016	051424016	EPA 300.0	474985		
40278319017	051424017	EPA 300.0	474985		
40278319018	051424018	EPA 300.0	474985		
40278319019	051424019	EPA 300.0	474985		
40278319020	051424020	EPA 300.0	474985		
40278319021	051424021	EPA 300.0	474985		
40278319027	051424027	EPA 300.0	474985		
40278319001	051324001	EPA 310.2	474762		
40278319002	051324002	EPA 310.2	474762		
40278319003	051324003	EPA 310.2	474762		
40278319004	051324004	EPA 310.2	474762		
40278319005	051324005	EPA 310.2	474762		
40278319006	051324006	EPA 310.2	474762		
40278319007	051324007	EPA 310.2	474762		
40278319008	051424008	EPA 310.2	474762		
40278319009	051424009	EPA 310.2	474762		
40278319010	051424010	EPA 310.2	474762		
40278319011	051424011	EPA 310.2	474762		
40278319012	051424012	EPA 310.2	474762		
40278319013	051424013	EPA 310.2	474762		
40278319015	051424015	EPA 310.2	474762		
40278319016	051424016	EPA 310.2	475346		
40278319017	051424017	EPA 310.2	475346		
40278319018	051424018	EPA 310.2	475346		
40278319019	051424019	EPA 310.2	475346		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940108087 Marinette Former MG

Pace Project No.: 40278319

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40278319020	051424020	EPA 310.2	475346		
40278319021	051424021	EPA 310.2	475346		
40278319027	051424027	EPA 310.2	475346		
40278319001	051324001	EPA 353.2	474561		
40278319002	051324002	EPA 353.2	474561		
40278319003	051324003	EPA 353.2	474561		
40278319004	051324004	EPA 353.2	475215		
40278319005	051324005	EPA 353.2	474561		
40278319006	051324006	EPA 353.2	474561		
40278319007	051324007	EPA 353.2	474561		
40278319008	051424008	EPA 353.2	474561		
40278319009	051424009	EPA 353.2	474561		
40278319010	051424010	EPA 353.2	474561		
40278319011	051424011	EPA 353.2	474561		
40278319012	051424012	EPA 353.2	474561		
40278319013	051424013	EPA 353.2	474561		
40278319015	051424015	EPA 353.2	474561		
40278319016	051424016	EPA 353.2	474561		
40278319017	051424017	EPA 353.2	474561		
40278319018	051424018	EPA 353.2	474561		
40278319019	051424019	EPA 353.2	475215		
40278319020	051424020	EPA 353.2	475215		
40278319021	051424021	EPA 353.2	475215		
40278319027	051424027	EPA 353.2	475215		

### REPORT OF LABORATORY ANALYSIS

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

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

**LAB USE ONLY - Affix Workorder/Login Label Here**  
40278319

Company Name: ~~Green & Core Engineers, Inc. Integritys WI~~ **Ramboll** Contact/Report To: ~~Emily Ruder~~ **Lauren Anderson, Abby Small**  
Street Address: 234 W Florida St, Fifth Floor Phone #: ~~414 249 0678~~ **920 251 8254**  
Milwaukee, WI 53204 E-Mail: ~~eruder@ramboll.com~~ **LANDERSON@RAMBOLL.COM**  
Cc E-Mail: **ASMALL@RAMBOLL.COM**

Customer Project # **1940108087** Specify Container Size \*\*  
Project Name: 1940101157 Marinette Former MGP Invoice To: Accounts - WEC 3 3 0 5 0 3  
Invoice E-Mail: invoicecollector@wecenergygroup.com Identify Container Preservative Type\*\*\*  
Site Collection Info/Facility ID (as applicable): Purchase Order # (if applicable): 1200187395 3 2 4 1 4 1  
Quote #: Analysis Requested

Time Zone Collected: [ ] AK [ ] PT [ ] MT [X] CT [ ] ET County / State origin of sample(s): Wisconsin  
Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable Reportable [ ] Yes [ ] No  
[X] Level II [ ] Level III [ ] Level IV  
[ ] EQUIS  
[ ] Other  
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other  
Date Results Requested: **standard turn** Field Filtered (if applicable): [X] Yes [ ] No  
Analysis: **metals - dissolved**

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

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		353 2 Nitrogen, NO2/NO3 pres	6020 Dissolved Al, Sb, Cu, Fe, Mn, Ni, Ag, V, Zn	8260 BTEX	8260 Benzene & Ethylbenzene	8270E MSSV PAH	Methane	Sulfate, Alkalinity	Trip Blank	Lab Use Only	Sample Comment
			Date	Time	Date	Time		Results	Units										
051324001	GW	G			5/13/24	1143	11	NA	NA	X	X	X		X	X	X			001
051324002						1236	11			X	X	X		X	X	X			002
051324003						1325	11			X	X	X		X	X	X			003
051324004						1422	33			X	X	X		X	X	X			MSSVSDI 004
051324005					LOA	1540	11			X	X	X		X	X	X			005
051324006					5115	1625	11			X	X	X		X	X	X			006
051324007	WT					1640	11			X	X	X		X	X	X			007
051324008	GW					5/14/24	0750	11		X	X	X		X	X	X			008
051424009						0755	11			X	X	X		X	X	X			009
051424010						0850	11			X	X	X		X	X	X			010

Additional Instructions from Pace\*: **COC #: 08087-0524**

Collected By: (Printed Name) **KATIE PHILLIPS** Customer Remarks / Special Conditions / Possible Hazards:  
Signature: **Katie Phillips**

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

Relinquished by/Company (Signature): <b>[Signature] / Ramboll</b>	Date/Time: <b>5/15/24 1000</b>	Received by/Company (Signature): <b>[Signature] PACE</b>	Date/Time: <b>5/15/24 1000</b>	Tracking Number:
Relinquished by/Company (Signature):	Date/Time:	Received by/Company (Signature):	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company (Signature):	Date/Time:	Received by/Company (Signature):	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company (Signature):	Date/Time:	Received by/Company (Signature):	Date/Time:	Page: <b>3</b> of <b>03</b>

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

### CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

40278319

Company Name: ~~O'Brien & Gere Engineers, Inc. Integritys WI~~ **Ramboll**  
Street Address: 234 W Florida St, Fifth Floor  
Milwaukee, WI 53204

Contact/Report To: ~~Emily Ruder~~ **Lauter Anderson, Abby Small**  
Phone #: ~~414-249-8878~~ **920 251 8254**  
E-Mail: ~~eruder@ramboll.com~~ **LANDERSON@ramboll.com**  
Cc E-Mail: **asmall@ramboll.com**

Scan QR Code for instructions

Customer Project # **1940108087**  
Project Name: 1940101157 Marinette Former MGP

Invoice To: Accounts - WEC  
Invoice E-Mail: invoicecollector@wecenergygroup.com

Specify Container Size \*\*  
3 3 6 5 6 3  
Identify Container Preservative Type \*\*\*

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

Site Collection Info/Facility ID (as applicable):

Purchase Order # (if applicable): 1200187395  
Quote #:

3 2 4 1 4 1  
Analysis Requested

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

Time Zone Collected: [ ] AK [ ] PT [ ] MT  CT [ ] ET  
Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

County / State origin of sample(s): Wisconsin

Level II [ ] Level III [ ] Level IV

[ ] EQUIS

[ ] Other

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other \_\_\_\_\_ DW PWSID # or WW Permit # as applicable

Date Results Requested: **standard turn** Field Filtered (if applicable) Analysis: **metals - dissolved**  Yes [ ] No

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

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		363 2 Nitrogen, NO2/NO3 pres	6020 Dissolved Al, Sb, Cu, Fe, Mn, Ni, Ag, V, Zn	8260 BTEX	8260 Benzene & Ethylbenzene	8270E MSSV PAH	Methane	Sulfate, Alkalinity	Trip Blank	Lab Use Only	Sample Comment	Preservation non-conformance identified for sample
			Date	Time	Date	Time		Results	Units											
051424011	GW	G			5/14/24	0925	11	NA	NA	X	X	X		X	X	X			011	
051424012						1025	11			X	X	X		X	X	X			012	
051424013						1050	11			X	X	X		X	X	X			013	
051424014						1124	8					X		X	X				014	
051424015						1203	11			X	X	X		X	X	X			015	
051424016						1242	11			X	X	X		X	X	X			016	
051424017						1247	11			X	X	X		X	X	X			017	
051424018						1335	11			X	X	X		X	X	X			018	
051424019					LWA	1411	11			X	X	X		X	X	X			019	
051424020					5/15	1519	11			X	X	X		X	X	X			020	

Additional Instructions from Pace®:

Collected By: **KATIE PHILLIPS**  
Signature: *[Signature]*

Customer Remarks / Special Conditions / Possible Hazards:

COC #: 08087-0524

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

Relinquished by/Company (Signature): *[Signature]* / Ramboll Date/Time: 5/15/24 1000

Received by/Company (Signature): *[Signature]* PACE Date/Time: 5/15/24 1000

Tracking Number:

Relinquished by/Company (Signature): Date/Time:

Received by/Company (Signature): Date/Time:

Delivered by: [ ] In-Person [ ] Courier

Relinquished by/Company (Signature): Date/Time:

Received by/Company (Signature): Date/Time:

[ ] FedEx [ ] UPS [ ] Other

Relinquished by/Company (Signature): Date/Time:

Received by/Company (Signature): Date/Time:

Page: 02 of 03

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

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

**LAB USE ONLY- Affix Workorder/Login Label Here**  
40278319

Company Name: ~~O'Brien & Gere Engineers, Inc. Integritys WI~~ **Ramboll** Contact/Report To: ~~Emily Ruder~~ **Lauren Anderson, Abby Small**  
Street Address: 234 W Florida St, Fifth Floor Phone #: ~~414 249 0678~~ **920 251 8254**  
Milwaukee, WI 53204 E-Mail: ~~eruder@ramboll.com~~ **L.ANDERSON@RAMBOLL.COM, A.SMALLE@RAMBOLL.COM**

Customer Project # **1940108087** Specify Container Size \*\*  
Project Name: 1940101157 Marinette Former MGP Invoice To: Accounts - WEC 3 3 6 6 5 6 3 6  
Site Collection Info/Facility ID (as applicable): Invoice E-Mail: invoicecollector@wecenergygroup.com Identify Container Preservative Type\*\*  
Purchase Order # (if applicable): 1200187395 3 2 4 4 1 4 1 4  
Quote #: Analysis Requested

Time Zone Collected: [ ] AK [ ] PT [ ] MT  CT [ ] ET County / State origin of sample(s): Wisconsin  
Data Deliverables: Regulatory Program (DW, RCRA, etc) as applicable: Reportable [ ] Yes [ ] No  
 Level II [ ] Level III [ ] Level IV Rush (Pre-approval required): DW PWSID # or WW Permit # as applicable  
[ ] EQUIS [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other  
[ ] Other Date Results Requested: **standard turn** Field Filtered (if applicable):  Yes [ ] No  
Analysis: **metals - dissolved**

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

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		353 2 Nitrogen, NO2/NO3 pres	6020 Dissolved Al, Sb, Cu, Fe, Mn, Ni, Ag, V, Zn	8260 BTEX	8260 Benzene & Ethylbenzene	8270E MSSV PAH	Methane	Sulfate, Alkalinity	Trip Blank	Lab Use Only	Sample Comment
			Date	Time	Date	Time		Results	Units										
051424021	GW	G			5/14/24	1556	11	NA	NA	X	X	X							021
051424022						1640	5						X	X					SCREEN 022
051424023						1715	4						X	X					SCREEN 023
051424024						1720	4						X	X					SCREEN 024
051424025						1744	4						X	X					SCREEN 025
051424026						1804	4						X	X					SCREEN 026
051424027	WT					1815	13			X	X	X	X	X	X				027
051524028	GW				5/15/24	0737	4						X	X					SCREEN 028
051524029	LB					-	2										X		029
051524030						-	2										X		030

Additional Instructions from Pace®: **X samples 023 through 028 → 250 ml unpreserved LOC #: 08087-0524 for PAH analysis**

Collected By: (Printed Name) **KATIE PHILLIPS** Customer Remarks / Special Conditions / Possible Hazards:  
Signature: *[Signature]*

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

Relinquished by/Company (Signature): *[Signature]* / Ramboll Date/Time: 5/15/24 1000 Received by/Company (Signature): *[Signature]* / Pace Date/Time: 5/15/24 1000 Tracking Number:  
Relinquished by/Company (Signature): Date/Time: Received by/Company (Signature): Date/Time: Delivered by: [ ] In-Person [ ] Courier  
[ ] FedEx [ ] UPS [ ] Other  
Page: 03 of 03

Sample Preservation Receipt Form

Client Name: Ramboll

Project # 40278319

All containers needing preservation have been checked and noted below:

Yes  No  N/A

Initial when completed: NK Date/Time:

Lab Lot# of pH paper: 1000134

Lab Std #ID 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	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN 1	GN 2									
001					2											2																										2.5 / 5
002					2											2																										2.5 / 5
003					2											2																										2.5 / 5
004					6											3																										2.5 / 5
005					2																																					2.5 / 5
006					2																																					2.5 / 5
007					2																																					2.5 / 5
008					2																																					2.5 / 5
009					2																																					2.5 / 5
010					2																																					2.5 / 5
011					2																																					2.5 / 5
012					2																																					2.5 / 5
013					2																																					2.5 / 5
014					2																																					2.5 / 5
015					2																																					2.5 / 5
016					2																																					2.5 / 5
017					2																																					2.5 / 5
018					2																																					2.5 / 5
019					2																																					2.5 / 5
020					2																																					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

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

Client Name: Ramboll Project #: 46218319

Sample Preservation Receipt Form

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	AG1H	AG4S	AG5U	AG2S	AG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC								GN 1	GN 2
021				2																													2.5/5
022				2																													2.5/5
023																																	2.5/5
024																																	2.5/5
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045																																	2.5/5
046																																	2.5/5
047																																	2.5/5
048																																	2.5/5

5/15/24 MK

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: Ramboll

Courier:  CS Logistics  Fed Ex  Speedee  UPS  Walco  
 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 - 134 Type of Ice: Wet Blue Dry None  Meltwater Only

Cooler Temperature Uncorr: \_\_\_\_\_ /Corr: \_\_\_\_\_

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

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

WO#: 40278319



40278319

Person examining contents:  
 Date: 5/15/24 /Initials: NK  
 Labeled By Initials: SG

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 type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay, Pace IR, Non-Pace</u>		
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</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>S17</u>		

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

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: Cooler #1 temp. 2.0, Cooler #2 temp. 1.5, Cooler #3 temp. 0.5 5/15/24 NK

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