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17975 West Sarah Lane
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Brookfield, WI 53045
T: 262.754.2560
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www.gza.com

May 2, 2022
File No. 20.0156045.01

Ms. Christine Young
c/o Bohrer Family Trust
34100 Sunset Drive
Oconomowoc, Wisconsin 53066-9267

Re: Notification of Groundwater Sampling Results - April 2022
1860 Executive Drive
Oconomowoc, Wisconsin

Dear Ms. Young:

On behalf of Leather-Rich Inc. (LRI), GZA GeoEnvironmental, Inc. (GZA) is providing you the groundwater results for the April 2022 sampling activities performed on the property improved with a multi-tenant building located at 1860 Executive Drive and northwest of LRI in Oconomowoc, Wisconsin. Please note that this letter is subject to the Limitations provided in Attachment 1.

LRI is conducting a site investigation of soil and groundwater to monitor the presence and extent of tetrachloroethene (PCE), a dry cleaning solvent, attributable to LRI in both soil and groundwater. The Wisconsin Department of Natural Resources (WDNR) has issued Bureau of Remediation and Redevelopment Tracking System (BRRTS) No. 02-68-581237 for the site. Information on the site is provided on the BRRTS website.¹ The following is the contact information for the WDNR Project Manager, Mr. Tim Alessi:

Mr. Tim Alessi – NR Region Program Manager
1027 West St. Paul Avenue
Milwaukee, Wisconsin 53233
(414) 881-1015
timothy.alessi@wisconsin.gov

GROUNDWATER RESULTS

On April 5, 2022, GZA collected groundwater samples from monitoring wells MW-18, MW-19, MW-20, and MW-21 on the 1860 Executive Drive property using low-flow sampling techniques with a peristaltic pump and dedicated disposable polyethylene tubing for laboratory analyses. In accordance with the requirements of Wisconsin Administrative Code (Wis. Adm. Code) NR 716.14(2), the results of the analytical testing are presented on Table 1 and the laboratory analytical report is provided in Attachment 2.

LRI may wish to conduct additional groundwater sampling from the wells located on the 1860 Executive Drive property to monitor groundwater conditions as part of the ongoing LRI site investigation. As such, GZA or LRI will be in touch with you to schedule site access for resampling the wells on the 1860 Executive Drive property, as required in the access agreement dated April 1, 2022.

¹ Information on the site is provided at:
<https://dnr.wi.gov/botw/GetActivityDetail.do?adn=0268581237&siteId=2662000&crumb=1&search=b>.



In accordance with Wis. Adm. Code NR 714.5(5), you may contact the WDNR and request that the department keep you informed of approvals or rejections of the response actions conducted at LRI.

Thank you again for the opportunity to sample the monitoring wells on your property. Should you have any questions regarding the attached results of the soil and groundwater analytical testing, please feel free to contact the undersigned at (262) 754-2578.

Very truly yours,

GZA GeoEnvironmental, Inc.

A handwritten signature in blue ink that reads 'Sheryl I. Stephenson'.

Sheryl I. Stephenson
Project Hydrogeologist

A handwritten signature in blue ink that reads 'Kevin Hedinger'.

Kevin Hedinger
Senior Project Manager

A handwritten signature in blue ink that reads 'James F. Drought'.

James F. Drought, P.H.
Principal Hydrogeologist

J:\156000to156999\156045 Leather Rich\01 Add'l-Off-Site\Report\Off-Site Notification\April 2022\
FINAL 20.0156045.01 Notification of GW Sampling Results_Oconomowoc WI 5-2-22.docx

Attachments: Table 1
Limitations
Laboratory Analytical Report

cc: Ms. Cheryl Chew, LRI
Mr. Tim Alessi, WDNR



TABLES

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
1860 Executive Drive
Oconomowoc, Wisconsin

Parameter	ES (µg/L)	PAL (µg/L)	MW-18	MW-19	MW-20	MW-21
			4/5/22	4/5/22	4/5/22	4/5/22
Tetrachloroethene	5	0.5	<u>93</u>	<u>6.4</u>	<u>106</u>	<u>59.9</u>
Trichloroethene	5	0.5	1.3	<0.32	1.4 J	<0.32
Vinyl chloride	0.2	0.02	<0.17	<0.17	<0.44	<0.17
cis-1,2-Dichloroethene	70	7	<0.47	<0.47	<1.2	<0.47
trans-1,2-Dichloroethene	100	20	<0.53	<0.53	<1.3	<0.53
Sulfate	NS	NS	22,700	NA	17,400	NA
Iron, Dissolved	NS	NS	90.3 J	NA	<29.6	NA
Manganese, Dissolved	300	60	NA	NA	NA	NA
Total Organic Carbon	NS	NS	1,400	NA	1,300 J	NA

Notes:

1. Samples were collected by GZA GeoEnvironmental, Inc. (GZA) and analyzed by PACE Analytical Lab, Inc. of Green Bay, Wisconsin using United States Environmental Protection Agency (USEPA) Method 8260 for volatile organic compounds (VOCs), USEPA Method 6010D for dissolved iron, USEPA 8015B Modified for dissolved gases, USEPA 300 for sulfate, and SM 5310C for Total Organic Carbon (TOC).
2. Results are presented in micrograms per liter (µg/l).
3. Results are compared to Wisconsin Administrative Code (Wis. Adm. Code) Chapter NR 140 Enforcement Standards (ESs) and Preventive Action Limits (PALs). **Underlined Bold Red font** indicates the parameter was detected above the ES and ***Bold italicized font*** indicates the parameter was detected above the PAL.
4. J = Estimated value; the analyte was detected at a concentration between the limit of detection (LOD) and limit of quantification (LOQ).
5. "NA" = Not Analyzed
6. "NS" = No Standard available under Wis. Adm. Code NR 140.



ATTACHMENT 1

Limitations



LIMITATIONS

STANDARD OF CARE

1. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this Report may be found at the subject location(s).
2. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.
3. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

SUBSURFACE CONDITIONS

4. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs. The nature and extent of variations between these explorations may not become evident until further exploration or construction. If variations or other latent conditions then become evident, it will be necessary to reevaluate the conclusions and recommendations of this Report.
5. Water level readings have been made, as described in this Report, in and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this Report. Fluctuations in the level of the groundwater however occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the Report.

COMPLIANCE WITH CODES AND REGULATIONS

6. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

SCREENING AND ANALYTICAL TESTING

7. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the Report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.
8. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.
9. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.



INTERPRETATION OF DATA

10. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

ADDITIONAL INFORMATION

11. In the event that the Client or others authorized to use this Report obtain additional information on environmental or hazardous waste issues at the Site not contained in this Report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this Report.

ADDITIONAL SERVICES

12. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.



ATTACHMENT 2

Laboratory Analytical Report

April 13, 2022

Kevin Hedinger
GZA
17975 West Sarah Lane
Suite 100
Brookfield, WI 53045

RE: Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

Dear Kevin Hedinger:

Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 20.0156045.00 LRI BASELINE

Pace Project No.: 40242989

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

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40242989001	MW-6	Water	04/05/22 10:45	04/06/22 08:00
40242989002	MW-7	Water	04/05/22 11:40	04/06/22 08:00
40242989003	MW-8	Water	04/05/22 12:25	04/06/22 08:00
40242989004	MW-11	Water	04/05/22 13:25	04/06/22 08:00
40242989005	MW-9	Water	04/05/22 14:05	04/06/22 08:00
40242989006	PZ-2	Water	04/05/22 14:35	04/06/22 08:00
40242989007	MW-10	Water	04/05/22 15:12	04/06/22 08:00
40242989008	MW-18	Water	04/05/22 12:01	04/06/22 08:00
40242989009	MW-19	Water	04/05/22 12:48	04/06/22 08:00
40242989010	MW-20	Water	04/05/22 13:45	04/06/22 08:00
40242989011	MW-21	Water	04/05/22 00:00	04/06/22 08:00
40242989012	MW-5	Water	04/05/22 15:17	04/06/22 08:00
40242989013	DUP-1	Water	04/05/22 00:00	04/06/22 08:00
40242989014	TRIP	Water	04/05/22 00:00	04/06/22 08:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 20.0156045.00 LRI BASELINE

Pace Project No.: 40242989

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40242989001	MW-6	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	8	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242989002	MW-7	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	8	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242989003	MW-8	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	8	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242989004	MW-11	EPA 8260	EIB	8	PASI-G
40242989005	MW-9	EPA 8260	EIB	8	PASI-G
40242989006	PZ-2	EPA 8260	EIB	8	PASI-G
40242989007	MW-10	EPA 8260	EIB	8	PASI-G
40242989008	MW-18	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	8	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242989009	MW-19	EPA 8260	EIB	8	PASI-G
40242989010	MW-20	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	8	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242989011	MW-21	EPA 8260	EIB	8	PASI-G
40242989012	MW-5	EPA 8260	EIB	8	PASI-G
40242989013	DUP-1	EPA 8260	EIB	8	PASI-G
40242989014	TRIP	EPA 8260	EIB	8	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 20.0156045.00 LRI BASELINE

Pace Project No.: 40242989

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40242989001	MW-6					
EPA 8260	Tetrachloroethene	169	ug/L	2.0	04/12/22 09:53	
EPA 8260	Trichloroethene	7.5	ug/L	2.0	04/12/22 09:53	
EPA 8260	cis-1,2-Dichloroethene	20.5	ug/L	2.0	04/12/22 09:53	
EPA 8260	trans-1,2-Dichloroethene	2.2	ug/L	2.0	04/12/22 09:53	
EPA 300.0	Sulfate	17.8	mg/L	2.0	04/11/22 06:01	
SM 5310C	Total Organic Carbon	1.0	mg/L	0.50	04/11/22 03:58	
40242989002	MW-7					
EPA 8260	Tetrachloroethene	197	ug/L	1.0	04/11/22 14:02	
EPA 8260	Trichloroethene	19.3	ug/L	1.0	04/11/22 14:02	
EPA 8260	cis-1,2-Dichloroethene	64.7	ug/L	1.0	04/11/22 14:02	
EPA 8260	trans-1,2-Dichloroethene	4.7	ug/L	1.0	04/11/22 14:02	
EPA 300.0	Sulfate	18.7	mg/L	2.0	04/11/22 06:16	
SM 5310C	Total Organic Carbon	1.0	mg/L	0.50	04/11/22 05:29	
40242989003	MW-8					
EPA 8260	Tetrachloroethene	106	ug/L	1.0	04/11/22 14:23	
EPA 8260	Trichloroethene	4.4	ug/L	1.0	04/11/22 14:23	
EPA 8260	cis-1,2-Dichloroethene	10.9	ug/L	1.0	04/11/22 14:23	
EPA 8260	trans-1,2-Dichloroethene	0.84J	ug/L	1.0	04/11/22 14:23	
EPA 300.0	Sulfate	20.7	mg/L	2.0	04/11/22 06:31	
SM 5310C	Total Organic Carbon	1.1	mg/L	0.50	04/11/22 05:45	
40242989004	MW-11					
EPA 8260	Tetrachloroethene	8.8	ug/L	1.0	04/11/22 14:43	
EPA 8260	Trichloroethene	0.66J	ug/L	1.0	04/11/22 14:43	
EPA 8260	cis-1,2-Dichloroethene	0.66J	ug/L	1.0	04/11/22 14:43	
40242989005	MW-9					
EPA 8260	Tetrachloroethene	49.1	ug/L	1.0	04/11/22 15:03	
EPA 8260	Trichloroethene	9.6	ug/L	1.0	04/11/22 15:03	
EPA 8260	cis-1,2-Dichloroethene	25.7	ug/L	1.0	04/11/22 15:03	
EPA 8260	trans-1,2-Dichloroethene	2.3	ug/L	1.0	04/11/22 15:03	
40242989006	PZ-2					
EPA 8260	Tetrachloroethene	5.3	ug/L	1.0	04/11/22 16:36	
EPA 8260	Trichloroethene	1.2	ug/L	1.0	04/11/22 16:36	
40242989007	MW-10					
EPA 8260	Tetrachloroethene	2.4	ug/L	1.0	04/11/22 16:57	
EPA 8260	Trichloroethene	0.54J	ug/L	1.0	04/11/22 16:57	
40242989008	MW-18					
EPA 6010D	Iron, Dissolved	90.3J	ug/L	100	04/07/22 16:35	
EPA 8260	Tetrachloroethene	93.0	ug/L	1.0	04/11/22 17:17	
EPA 8260	Trichloroethene	1.3	ug/L	1.0	04/11/22 17:17	
EPA 300.0	Sulfate	22.7	mg/L	2.0	04/11/22 06:46	
SM 5310C	Total Organic Carbon	1.4	mg/L	0.50	04/11/22 06:02	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40242989009	MW-19					
EPA 8260	Tetrachloroethene	6.4	ug/L	1.0	04/11/22 19:00	
40242989010	MW-20					
EPA 8260	Tetrachloroethene	106	ug/L	2.5	04/11/22 19:41	
EPA 8260	Trichloroethene	1.4J	ug/L	2.5	04/11/22 19:41	
EPA 300.0	Sulfate	17.4	mg/L	2.0	04/11/22 07:01	
SM 5310C	Total Organic Carbon	1.3J	mg/L	1.5	04/11/22 14:24	D3
40242989011	MW-21					
EPA 8260	Tetrachloroethene	59.9	ug/L	1.0	04/11/22 17:38	
40242989012	MW-5					
EPA 8260	Tetrachloroethene	0.62J	ug/L	1.0	04/12/22 08:10	
40242989013	DUP-1					
EPA 8260	Tetrachloroethene	57.1	ug/L	1.0	04/11/22 18:19	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

Sample:	Lab ID:	Collected:	Received:	Matrix:					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-6	Lab ID: 40242989001	Collected: 04/05/22 10:45	Received: 04/06/22 08:00	Matrix: Water					
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		04/12/22 11:56	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		04/12/22 11:56	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		04/12/22 11:56	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		04/07/22 16:20	7439-89-6	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Tetrachloroethene	169	ug/L	2.0	0.82	2		04/12/22 09:53	127-18-4	
Trichloroethene	7.5	ug/L	2.0	0.64	2		04/12/22 09:53	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		04/12/22 09:53	75-01-4	
cis-1,2-Dichloroethene	20.5	ug/L	2.0	0.94	2		04/12/22 09:53	156-59-2	
trans-1,2-Dichloroethene	2.2	ug/L	2.0	1.1	2		04/12/22 09:53	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		2		04/12/22 09:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		2		04/12/22 09:53	2199-69-1	
Toluene-d8 (S)	99	%	70-130		2		04/12/22 09:53	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	17.8	mg/L	2.0	0.44	1		04/11/22 06:01	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.0	mg/L	0.50	0.14	1		04/11/22 03:58	7440-44-0	

Sample:	Lab ID:	Collected:	Received:	Matrix:					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-7	Lab ID: 40242989002	Collected: 04/05/22 11:40	Received: 04/06/22 08:00	Matrix: Water					
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		04/08/22 13:41	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		04/08/22 13:41	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		04/08/22 13:41	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		04/07/22 16:27	7439-89-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0156045.00 LRI BASELINE

Pace Project No.: 40242989

Sample: MW-7 **Lab ID: 40242989002** Collected: 04/05/22 11:40 Received: 04/06/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	197	ug/L	1.0	0.41	1		04/11/22 14:02	127-18-4	
Trichloroethene	19.3	ug/L	1.0	0.32	1		04/11/22 14:02	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 14:02	75-01-4	
cis-1,2-Dichloroethene	64.7	ug/L	1.0	0.47	1		04/11/22 14:02	156-59-2	
trans-1,2-Dichloroethene	4.7	ug/L	1.0	0.53	1		04/11/22 14:02	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/11/22 14:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/11/22 14:02	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/11/22 14:02	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	18.7	mg/L	2.0	0.44	1		04/11/22 06:16	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.0	mg/L	0.50	0.14	1		04/11/22 05:29	7440-44-0	

Sample: MW-8 **Lab ID: 40242989003** Collected: 04/05/22 12:25 Received: 04/06/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		04/08/22 13:48	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		04/08/22 13:48	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		04/08/22 13:48	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		04/07/22 16:32	7439-89-6	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	106	ug/L	1.0	0.41	1		04/11/22 14:23	127-18-4	
Trichloroethene	4.4	ug/L	1.0	0.32	1		04/11/22 14:23	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 14:23	75-01-4	
cis-1,2-Dichloroethene	10.9	ug/L	1.0	0.47	1		04/11/22 14:23	156-59-2	
trans-1,2-Dichloroethene	0.84J	ug/L	1.0	0.53	1		04/11/22 14:23	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/11/22 14:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		04/11/22 14:23	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		04/11/22 14:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

Sample: MW-8 **Lab ID: 40242989003** Collected: 04/05/22 12:25 Received: 04/06/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	20.7	mg/L	2.0	0.44	1		04/11/22 06:31	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.1	mg/L	0.50	0.14	1		04/11/22 05:45	7440-44-0	

Sample: MW-11 **Lab ID: 40242989004** Collected: 04/05/22 13:25 Received: 04/06/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Tetrachloroethene	8.8	ug/L	1.0	0.41	1		04/11/22 14:43	127-18-4	
Trichloroethene	0.66J	ug/L	1.0	0.32	1		04/11/22 14:43	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 14:43	75-01-4	
cis-1,2-Dichloroethene	0.66J	ug/L	1.0	0.47	1		04/11/22 14:43	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/11/22 14:43	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		04/11/22 14:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/11/22 14:43	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/11/22 14:43	2037-26-5	

Sample: MW-9 **Lab ID: 40242989005** Collected: 04/05/22 14:05 Received: 04/06/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Tetrachloroethene	49.1	ug/L	1.0	0.41	1		04/11/22 15:03	127-18-4	
Trichloroethene	9.6	ug/L	1.0	0.32	1		04/11/22 15:03	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 15:03	75-01-4	
cis-1,2-Dichloroethene	25.7	ug/L	1.0	0.47	1		04/11/22 15:03	156-59-2	
trans-1,2-Dichloroethene	2.3	ug/L	1.0	0.53	1		04/11/22 15:03	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		04/11/22 15:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/11/22 15:03	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		04/11/22 15:03	2037-26-5	

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ANALYTICAL RESULTS

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: PZ-2 Lab ID: 40242989006 Collected: 04/05/22 14:35 Received: 04/06/22 08:00 Matrix: Water									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Tetrachloroethene	5.3	ug/L	1.0	0.41	1		04/11/22 16:36	127-18-4	
Trichloroethene	1.2	ug/L	1.0	0.32	1		04/11/22 16:36	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 16:36	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/11/22 16:36	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/11/22 16:36	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/11/22 16:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/11/22 16:36	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/11/22 16:36	2037-26-5	

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-10 Lab ID: 40242989007 Collected: 04/05/22 15:12 Received: 04/06/22 08:00 Matrix: Water									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Tetrachloroethene	2.4	ug/L	1.0	0.41	1		04/11/22 16:57	127-18-4	
Trichloroethene	0.54J	ug/L	1.0	0.32	1		04/11/22 16:57	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 16:57	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/11/22 16:57	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/11/22 16:57	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/11/22 16:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/11/22 16:57	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/11/22 16:57	2037-26-5	

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-18 Lab ID: 40242989008 Collected: 04/05/22 12:01 Received: 04/06/22 08:00 Matrix: Water									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		04/08/22 13:55	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		04/08/22 13:55	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		04/08/22 13:55	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	90.3J	ug/L	100	29.6	1		04/07/22 16:35	7439-89-6	

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ANALYTICAL RESULTS

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-18 Lab ID: 40242989008 Collected: 04/05/22 12:01 Received: 04/06/22 08:00 Matrix: Water									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Tetrachloroethene	93.0	ug/L	1.0	0.41	1		04/11/22 17:17	127-18-4	
Trichloroethene	1.3	ug/L	1.0	0.32	1		04/11/22 17:17	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 17:17	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/11/22 17:17	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/11/22 17:17	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/11/22 17:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/11/22 17:17	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/11/22 17:17	2037-26-5	
300.0 IC Anions Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	22.7	mg/L	2.0	0.44	1		04/11/22 06:46	14808-79-8	
5310C TOC Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.4	mg/L	0.50	0.14	1		04/11/22 06:02	7440-44-0	

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-19 Lab ID: 40242989009 Collected: 04/05/22 12:48 Received: 04/06/22 08:00 Matrix: Water									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Tetrachloroethene	6.4	ug/L	1.0	0.41	1		04/11/22 19:00	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/11/22 19:00	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 19:00	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/11/22 19:00	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/11/22 19:00	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		04/11/22 19:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		04/11/22 19:00	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/11/22 19:00	2037-26-5	

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-20 Lab ID: 40242989010 Collected: 04/05/22 13:45 Received: 04/06/22 08:00 Matrix: Water									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		04/08/22 14:02	74-84-0	

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ANALYTICAL RESULTS

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

Sample: MW-20	Lab ID: 40242989010	Collected: 04/05/22 13:45	Received: 04/06/22 08:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethene	<0.25	ug/L	5.0	0.25	1		04/08/22 14:02	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		04/08/22 14:02	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		04/07/22 16:37	7439-89-6	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Tetrachloroethene	106	ug/L	2.5	1.0	2.5		04/11/22 19:41	127-18-4	
Trichloroethene	1.4J	ug/L	2.5	0.80	2.5		04/11/22 19:41	79-01-6	
Vinyl chloride	<0.44	ug/L	2.5	0.44	2.5		04/11/22 19:41	75-01-4	
cis-1,2-Dichloroethene	<1.2	ug/L	2.5	1.2	2.5		04/11/22 19:41	156-59-2	
trans-1,2-Dichloroethene	<1.3	ug/L	2.5	1.3	2.5		04/11/22 19:41	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		2.5		04/11/22 19:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		2.5		04/11/22 19:41	2199-69-1	
Toluene-d8 (S)	100	%	70-130		2.5		04/11/22 19:41	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	17.4	mg/L	2.0	0.44	1		04/11/22 07:01	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1.3J	mg/L	1.5	0.42	3		04/11/22 14:24	7440-44-0	D3

Sample: MW-21	Lab ID: 40242989011	Collected: 04/05/22 00:00	Received: 04/06/22 08:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Tetrachloroethene	59.9	ug/L	1.0	0.41	1		04/11/22 17:38	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/11/22 17:38	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 17:38	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/11/22 17:38	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/11/22 17:38	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/11/22 17:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		04/11/22 17:38	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		04/11/22 17:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

Sample: MW-5 **Lab ID: 40242989012** Collected: 04/05/22 15:17 Received: 04/06/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	0.62J	ug/L	1.0	0.41	1		04/12/22 08:10	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/12/22 08:10	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/12/22 08:10	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/12/22 08:10	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/12/22 08:10	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/12/22 08:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/12/22 08:10	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		04/12/22 08:10	2037-26-5	

Sample: DUP-1 **Lab ID: 40242989013** Collected: 04/05/22 00:00 Received: 04/06/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	57.1	ug/L	1.0	0.41	1		04/11/22 18:19	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/11/22 18:19	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 18:19	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/11/22 18:19	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/11/22 18:19	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/11/22 18:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/11/22 18:19	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/11/22 18:19	2037-26-5	

Sample: TRIP **Lab ID: 40242989014** Collected: 04/05/22 00:00 Received: 04/06/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/11/22 13:01	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/11/22 13:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/11/22 13:01	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/11/22 13:01	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/11/22 13:01	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/11/22 13:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		04/11/22 13:01	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		04/11/22 13:01	2037-26-5	

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QUALITY CONTROL DATA

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

QC Batch: 412607 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: 40242989001, 40242989002, 40242989003, 40242989008, 40242989010

METHOD BLANK: 2376145 Matrix: Water
Associated Lab Samples: 40242989001, 40242989002, 40242989003, 40242989008, 40242989010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	04/08/22 11:09	
Ethene	ug/L	<0.25	5.0	04/08/22 11:09	
Methane	ug/L	<0.58	2.8	04/08/22 11:09	

LABORATORY CONTROL SAMPLE & LCSD: 2376146

Parameter	Units	2376147							RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits				
Ethane	ug/L	53.6	54.1	53.5	101	100	80-120	1	20		
Ethene	ug/L	50	50.4	49.8	101	100	80-120	1	20		
Methane	ug/L	28.6	29.4	29.2	103	102	80-121	1	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2376283 2376284

Parameter	Units	2376283										Max RPD	Qual
		40242840003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	RPD		
Ethane	ug/L	<0.39	53.6	53.6	54.6	55.7	102	104	80-122	2	20		
Ethene	ug/L	<0.25	50	50	51.4	52.4	103	105	80-122	2	20		
Methane	ug/L	<0.58	28.6	28.6	31.7	32.2	111	113	10-200	2	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 20.0156045.00 LRI BASELINE

Pace Project No.: 40242989

QC Batch: 412535	Analysis Method: EPA 6010D
QC Batch Method: EPA 6010D	Analysis Description: ICP Metals, Trace, Dissolved
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40242989001, 40242989002, 40242989003, 40242989008, 40242989010

METHOD BLANK: 2375705 Matrix: Water

Associated Lab Samples: 40242989001, 40242989002, 40242989003, 40242989008, 40242989010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	04/07/22 16:15	

LABORATORY CONTROL SAMPLE: 2375706

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	10100	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2375707 2375708

Parameter	Units	2375707		2375708		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Iron, Dissolved	ug/L	<29.6	10000	9960	9940	100	99	75-125	0	20	

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QUALITY CONTROL DATA

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

QC Batch: 412487 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40242989001, 40242989002, 40242989003, 40242989004, 40242989005, 40242989006, 40242989007, 40242989008, 40242989009, 40242989010, 40242989011, 40242989012, 40242989013, 40242989014

METHOD BLANK: 2375326 Matrix: Water
Associated Lab Samples: 40242989001, 40242989002, 40242989003, 40242989004, 40242989005, 40242989006, 40242989007, 40242989008, 40242989009, 40242989010, 40242989011, 40242989012, 40242989013, 40242989014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/11/22 08:24	
Tetrachloroethene	ug/L	<0.41	1.0	04/11/22 08:24	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/11/22 08:24	
Trichloroethene	ug/L	<0.32	1.0	04/11/22 08:24	
Vinyl chloride	ug/L	<0.17	1.0	04/11/22 08:24	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	04/11/22 08:24	
4-Bromofluorobenzene (S)	%	101	70-130	04/11/22 08:24	
Toluene-d8 (S)	%	99	70-130	04/11/22 08:24	

LABORATORY CONTROL SAMPLE: 2375327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	53.0	106	70-130	
Tetrachloroethene	ug/L	50	54.5	109	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.6	105	70-130	
Trichloroethene	ug/L	50	56.6	113	70-130	
Vinyl chloride	ug/L	50	49.1	98	63-142	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2376509 2376510

Parameter	Units	40242939002 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	MSD Spike Conc.						
cis-1,2-Dichloroethene	ug/L	<0.00047 mg/L	50	50	53.2	52.9	106	106	70-130	1	20	
Tetrachloroethene	ug/L	<0.00041 mg/L	50	50	53.6	56.5	107	113	70-130	5	20	
trans-1,2-Dichloroethene	ug/L	<0.00053 mg/L	50	50	54.6	54.4	109	109	70-134	1	20	
Trichloroethene	ug/L	<0.00032 mg/L	50	50	54.9	56.9	110	114	70-130	3	20	
Vinyl chloride	ug/L	<0.00017 mg/L	50	50	46.8	48.2	94	96	61-143	3	20	
1,2-Dichlorobenzene-d4 (S)	%						98	101	70-130			
4-Bromofluorobenzene (S)	%						102	106	70-130			

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QUALITY CONTROL DATA

Project: 20.0156045.00 LRI BASELINE

Pace Project No.: 40242989

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2376509 2376510												
Parameter	Units	40242939002 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Toluene-d8 (S)	%						100	99	70-130			

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QUALITY CONTROL DATA

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

QC Batch: 412533 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: 40242989001, 40242989002, 40242989003, 40242989008, 40242989010

METHOD BLANK: 2375683 Matrix: Water
Associated Lab Samples: 40242989001, 40242989002, 40242989003, 40242989008, 40242989010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	04/11/22 03:18	

LABORATORY CONTROL SAMPLE: 2375684

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2375685 2375686

Parameter	Units	40242620001		2375686		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Sulfate	mg/L	101J	2000	2140	2160	102	103	90-110	1	15	

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QUALITY CONTROL DATA

Project: 20.0156045.00 LRI BASELINE
Pace Project No.: 40242989

QC Batch: 412555 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40242989001, 40242989002, 40242989003, 40242989008, 40242989010

METHOD BLANK: 2375938 Matrix: Water
Associated Lab Samples: 40242989001, 40242989002, 40242989003, 40242989008, 40242989010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	04/11/22 02:49	

LABORATORY CONTROL SAMPLE: 2375939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.9	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2375940 2375941

Parameter	Units	40242989001		2375941		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Total Organic Carbon	mg/L	1.0	6	6	6.5	6.6	92	93	80-120	1	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2376887 2376888

Parameter	Units	40243015001		2376888		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Total Organic Carbon	mg/L	3.3	6	6	8.8	9.0	91	94	80-120	2	10

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QUALIFIERS

Project: 20.0156045.00 LRI BASELINE

Pace Project No.: 40242989

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0156045.00 LRI BASELINE

Pace Project No.: 40242989

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40242989001	MW-6	EPA 8015B Modified	412607		
40242989002	MW-7	EPA 8015B Modified	412607		
40242989003	MW-8	EPA 8015B Modified	412607		
40242989008	MW-18	EPA 8015B Modified	412607		
40242989010	MW-20	EPA 8015B Modified	412607		
40242989001	MW-6	EPA 6010D	412535		
40242989002	MW-7	EPA 6010D	412535		
40242989003	MW-8	EPA 6010D	412535		
40242989008	MW-18	EPA 6010D	412535		
40242989010	MW-20	EPA 6010D	412535		
40242989001	MW-6	EPA 8260	412487		
40242989002	MW-7	EPA 8260	412487		
40242989003	MW-8	EPA 8260	412487		
40242989004	MW-11	EPA 8260	412487		
40242989005	MW-9	EPA 8260	412487		
40242989006	PZ-2	EPA 8260	412487		
40242989007	MW-10	EPA 8260	412487		
40242989008	MW-18	EPA 8260	412487		
40242989009	MW-19	EPA 8260	412487		
40242989010	MW-20	EPA 8260	412487		
40242989011	MW-21	EPA 8260	412487		
40242989012	MW-5	EPA 8260	412487		
40242989013	DUP-1	EPA 8260	412487		
40242989014	TRIP	EPA 8260	412487		
40242989001	MW-6	EPA 300.0	412533		
40242989002	MW-7	EPA 300.0	412533		
40242989003	MW-8	EPA 300.0	412533		
40242989008	MW-18	EPA 300.0	412533		
40242989010	MW-20	EPA 300.0	412533		
40242989001	MW-6	SM 5310C	412555		
40242989002	MW-7	SM 5310C	412555		
40242989003	MW-8	SM 5310C	412555		
40242989008	MW-18	SM 5310C	412555		
40242989010	MW-20	SM 5310C	412555		

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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 or List Pace Workorder Number or MTJL Log-in Number Here

40242989

ALL SHADED AREAS are for LAB USE ONLY

Company: GZA Geo Environmental

Billing Information: SAME

Address: 17975 W Sarah Lane

Report To: Kenn.Hedinger@gza.com

Email To: Kevin.Hedinger@gza.com

Copy To: Sheryl.Stephenson@gza.com

Site Collection Info/Address:

Customer Project Name/Number: 20.0156045.00

State: County/City: Time Zone Collected: WI / Oconomowoc [] PT [] MT [] CT [] ET

Phone: 262 202 1716

Site/Facility ID #:

Compliance Monitoring? [] Yes [] No

Collected By (print): Sheryl Stephenson

Purchase Order #: Quote #:

DW PWS ID #: DW Location Code:

Collected By (signature):

Turnaround Date Required:

Immediately Packed on Ice: [X] Yes [] No

Sample Disposal: [] Dispose as appropriate [] Return [] Archive [] Hold:

Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [X] Yes [] No Analysis: Diss. Fe

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	CVOC	Methane / Ethane / Ethene	Sulfate	Metals (diss. Fe)	TOC						
			Date	Time	Date	Time													
MW-6	GW	G	4/5/22	1045			9	X	X	X	X	X							001
MW-7	GW	G	4/5/22	1140			9	X	X	X	X	X							002
MW-8	GW	G	4/5/22	1225			9	X	X	X	X	X							003
MW-11	GW	G	4/5/22	1325			3	X											004
MW-9	GW	G	4/5/22	1405			3	X											005
PZ-2	GW	G	4/5/22	1435			3	X											006
MW-10	GW	G	4/5/22	1512			3	X											007
MW-18	GW	G	4/5/22	12:01			9	X	X	X	X	X							008
MW-19	GW	G	4/5/22	12:48			3	X											009
MW-20	GW	G	4/5/22	13:45			3	X	X	X	X	X							010

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips:

Sample pH Acceptable Y N NA

pH Strips: 12.0

Sulfide Present Y N NA

Lead Acetate Strips:

LAB USE ONLY:

Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Packing Material Used:

Lab Tracking #: 2763735

Temp Blank Received: Y N NA

Radchem sample(s) screened (<500 cpm): Y N NA

Samples received via: FEDEX UPS Client Courier Pace Courier

Cooler 1 Temp Upon Receipt: oC

Relinquished by/Company: (Signature) GZA Geo Environmental

Date/Time: 4/5/22 1700

Received by/Company: (Signature) CS Logistics 4/5/22 1700

Date/Time:

MTJL LAB USE ONLY

Cooler 1 Therm Corr. Factor: oC

Relinquished by/Company: (Signature) CS Logistics

Date/Time: 4-6-22 0800

Received by/Company: (Signature) Josh Pollack Pace

Date/Time: 4-6-22 0800

Table #: Acctnum: Template: Prelogin:

Cooler 1 Corrected Temp: oC

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

PM: PB:

Comments: see

Trip Blank Received: Y N NA HCL MeOH TSP Other

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: GZA

WO#: 40242989

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



Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used SR - 116 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2 / Corr: 2.1

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 4.6.22 / Initials: AP
 Labeled By Initials: AP

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>Pg #</u> <u>4.6.22 AP</u>
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.
- 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>011: "14:33" 4/6/22 AP</u>
-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>477</u>		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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