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[www.gza.com](http://www.gza.com)



August 6, 2021  
File No. 20.0156045.01

Ms. Christine Young  
c/o Bohrer Family Trust  
3100 Sunset Drive  
Oconomowoc, Wisconsin

Re: Notification of Groundwater Sampling Results - July 2021  
1860 Executive Drive  
Oconomowoc, Wisconsin

Dear Ms. Young:

On behalf of Leather-Rich Inc. (LRI), GZA GeoEnvironmental, Inc. (GZA) is providing you with the groundwater results for the July 2021 sampling activities performed on the property occupied by the 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 chemical, attributable to LRI in both soil and groundwater. The Wisconsin Department of Natural Resources (WDNR) has issued the following Bureau of Remediation and Redevelopment Tracking System (BRRTS) Number for the Site: BRRTS #02-68-581237. Information on the Site is provided on the BRRTS website.<sup>1</sup> The following is the contact information for the WDNR Project Manager, Mr. Tim Alessi:

Mr. Tim Alessi – NR Region Program Manager  
2300 North Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212-3128  
(414) 263-8563  
[timothy.alessi@wisconsin.gov](mailto:timothy.alessi@wisconsin.gov)

## GROUNDWATER RESULTS

The two new monitoring wells, MW-20 and MW-21, were installed on May 1, 2021, north and northwest of the 1860 Executive Drive building. GZA collected groundwater samples from MW-20 and MW-21 on May 4, 2021 following the installation and development of the wells. Analytical results from this sampling event are summarized in GZA's *Notification of Groundwater Sampling Results*, dated May 26, 2021.

As the analytical results from the groundwater samples collected in May 2021 did not align with the expectations based on the previous investigation activities, it was determined that groundwater samples should be recollected from MW-20 and MW-21 to confirm the earlier results. Groundwater samples were collected from monitoring wells MW-20 and MW-21 on July 16, 2021, using low-flow sampling techniques with a peristaltic pump and dedicated, disposable polyethylene tubing for laboratory analyses. In accordance with the requirements of Wisconsin

<sup>1</sup> Information on the Site is provided at:

<https://dnr.wi.gov/botw/GetActivityDetail.do?adn=0268581237&siteld=2662000&crumb=1&search=b>.



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Notification of Groundwater Sampling Results – July 2021

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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 with the WDNR. 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.

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) 754-2594.

Very truly yours,

**GZA GeoEnvironmental, Inc.**

A handwritten signature in blue ink that appears to read "Heidi A. Woelfel".

Heidi A. Woelfel  
Project Manager

A handwritten signature in blue ink that appears to read "James F. Drought, P.H.".

James F. Drought, P.H.  
Principal Hydrogeologist

J:\156000to156999\156045 Leather Rich\01 Add'l-Off-Site\Report\Off-Site Notification\July 2021\  
FINAL 20.0156045.01 Notification of GW Sampling Results\_Oconomowoc WI 8-6-21.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 ( $\mu\text{g}/\text{L}$ )	PAL ( $\mu\text{g}/\text{L}$ )	MW-20		MW-21	
			Sample Date		5/4/2021	7/16/2021
			Collected By		GZA	
Tetrachloroethene	5	0.5	<b><u>231</u></b>	<b><u>191</u></b>	<b><u>88.2</u></b>	<b><u>72.5</u></b>
Trichloroethene	5	0.5	<b>4.9</b>	<b>3.1</b>	0.39 J	0.38 J
Vinyl chloride	0.2	0.02	< 0.17	< 0.17	< 0.17	< 0.17
cis-1,2-Dichloroethene	70	7	2.0	1.0	< 0.47	< 0.47
trans-1,2-Dichloroethene	100	20	< 0.53	< 0.53	< 0.53	< 0.53
Nitrate as N	10,000	2,000	NA	NA	NA	NA
Sulfate	NS	NS	NA	NA	NA	NA
Iron, Dissolved	NS	NS	NA	NA	NA	NA
Manganese, Dissolved	300	60	NA	NA	NA	NA
Total Organic Carbon	NS	NS	NA	NA	NA	NA

**Notes:**

1. Samples were collected by GZA GeoEnvironmental, Inc. (GZA) and analyzed by Pace Analytical Services, Inc. (PACE) of Green Bay, Wisconsin using United States Environmental Protection Agency (USEPA) Method 8260 for volatile organic compounds (VOCs).
2. Results are presented in micrograms per liter ( $\mu\text{g}/\text{l}$ ).
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. "NA" = The sample was not analyzed for the specified parameter.
5. Only results for compounds detected during laboratory analyses are presented.
6. J = Estimated value. The analyte was detected at a concentration between the limit of detection (LOD) and limit of quantification (LOQ).
7. "NS" = No Standard available under WAC 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**

July 26, 2021

Heidi Woelfel  
GZA  
17975 West Sarah Lane  
Suite 100  
Brookfield, WI 53045

RE: Project: 20.0156045 WRI GROUNDWATER  
Pace Project No.: 40230155

Dear Heidi Woelfel:

Enclosed are the analytical results for sample(s) received by the laboratory on July 17, 2021. 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

This report shall not be reproduced, except in full,  
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## CERTIFICATIONS

Project: 20.0156045 WRI GROUNDWATER  
Pace Project No.: 40230155

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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

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

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40230155001	MW-20	Water	07/16/21 10:09	07/17/21 09:00
40230155002	MW-21	Water	07/16/21 09:28	07/17/21 09:00
40230155003	DUP-1	Water	07/16/21 00:00	07/17/21 09:00
40230155004	TRIP	Water	07/16/21 00:00	07/17/21 09:00

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: 20.0156045 WRI GROUNDWATER  
 Pace Project No.: 40230155

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40230155001	MW-20	EPA 8260	MDS	65	PASI-G
40230155002	MW-21	EPA 8260	MDS	65	PASI-G
40230155003	DUP-1	EPA 8260	MDS	65	PASI-G
40230155004	TRIP	EPA 8260	MDS	65	PASI-G

PASI-G = Pace Analytical Services - Green Bay

## REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: 20.0156045 WRI GROUNDWATER  
Pace Project No.: 40230155

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40230155001</b>	<b>MW-20</b>					
EPA 8260	Tetrachloroethene	191	ug/L	1.0	07/22/21 14:44	
EPA 8260	Trichloroethene	3.1	ug/L	1.0	07/22/21 14:44	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	07/22/21 14:44	
<b>40230155002</b>	<b>MW-21</b>					
EPA 8260	Tetrachloroethene	72.5	ug/L	1.0	07/22/21 14:24	
EPA 8260	Trichloroethene	0.38J	ug/L	1.0	07/22/21 14:24	
<b>40230155003</b>	<b>DUP-1</b>					
EPA 8260	Chloromethane	31.4	ug/L	5.0	07/22/21 14:03	
EPA 8260	Tetrachloroethene	185	ug/L	1.0	07/22/21 14:03	
EPA 8260	Trichloroethene	3.2	ug/L	1.0	07/22/21 14:03	
EPA 8260	cis-1,2-Dichloroethene	0.93J	ug/L	1.0	07/22/21 14:03	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

Sample: MW-20	Lab ID: 40230155001	Collected: 07/16/21 10:09	Received: 07/17/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 14:44	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 14:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 14:44	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 14:44	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 14:44	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 14:44	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 14:44	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 14:44	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 14:44	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 14:44	120-82-1	L2
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 14:44	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 14:44	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 14:44	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 14:44	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 14:44	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 14:44	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:44	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 14:44	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 14:44	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 14:44	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 14:44	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 14:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 14:44	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 14:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 14:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 14:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 14:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 14:44	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 14:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 14:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 14:44	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 14:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 14:44	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 14:44	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 14:44	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 14:44	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 14:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 14:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 14:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 14:44	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 14:44	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 14:44	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 14:44	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:44	100-42-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

Sample: MW-20	Lab ID: 40230155001	Collected: 07/16/21 10:09	Received: 07/17/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	191	ug/L	1.0	0.41	1		07/22/21 14:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 14:44	108-88-3	
Trichloroethene	3.1	ug/L	1.0	0.32	1		07/22/21 14:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 14:44	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 14:44	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/22/21 14:44	1330-20-7	
cis-1,2-Dichloroethene	1.0	ug/L	1.0	0.47	1		07/22/21 14:44	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:44	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 14:44	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 14:44	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 14:44	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 14:44	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 14:44	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 14:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 14:44	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 14:44	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 14:44	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	117	%	70-130		1		07/22/21 14:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		07/22/21 14:44	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		07/22/21 14:44	2037-26-5	

Sample: MW-21	Lab ID: 40230155002	Collected: 07/16/21 09:28	Received: 07/17/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 14:24	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 14:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 14:24	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 14:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 14:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 14:24	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 14:24	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 14:24	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 14:24	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 14:24	120-82-1	L2
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 14:24	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 14:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 14:24	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 14:24	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 14:24	107-06-2	

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## ANALYTICAL RESULTS

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

Sample: MW-21	Lab ID: 40230155002	Collected: 07/16/21 09:28	Received: 07/17/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 14:24	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:24	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 14:24	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 14:24	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 14:24	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 14:24	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 14:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 14:24	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 14:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 14:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 14:24	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 14:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 14:24	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 14:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 14:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 14:24	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 14:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 14:24	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 14:24	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 14:24	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 14:24	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 14:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 14:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 14:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 14:24	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 14:24	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 14:24	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 14:24	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:24	100-42-5	
Tetrachloroethene	72.5	ug/L	1.0	0.41	1		07/22/21 14:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 14:24	108-88-3	
Trichloroethene	0.38J	ug/L	1.0	0.32	1		07/22/21 14:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 14:24	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 14:24	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/22/21 14:24	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 14:24	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:24	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 14:24	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 14:24	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 14:24	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 14:24	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 14:24	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 14:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 14:24	98-06-6	

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## ANALYTICAL RESULTS

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

Sample: MW-21	Lab ID: 40230155002	Collected: 07/16/21 09:28	Received: 07/17/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 14:24	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 14:24	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	118	%	70-130		1		07/22/21 14:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		07/22/21 14:24	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/22/21 14:24	2037-26-5	
Sample: DUP-1	Lab ID: 40230155003	Collected: 07/16/21 00:00	Received: 07/17/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 14:03	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 14:03	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 14:03	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 14:03	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 14:03	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 14:03	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 14:03	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 14:03	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 14:03	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 14:03	120-82-1	L2
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 14:03	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 14:03	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 14:03	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 14:03	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 14:03	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 14:03	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:03	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 14:03	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 14:03	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 14:03	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 14:03	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 14:03	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 14:03	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 14:03	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:03	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 14:03	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 14:03	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 14:03	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 14:03	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 14:03	56-23-5	

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## ANALYTICAL RESULTS

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

Sample: DUP-1	Lab ID: 40230155003	Collected: 07/16/21 00:00	Received: 07/17/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 14:03	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 14:03	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 14:03	67-66-3	
Chloromethane	31.4	ug/L	5.0	1.6	1		07/22/21 14:03	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 14:03	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 14:03	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 14:03	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 14:03	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 14:03	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 14:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 14:03	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 14:03	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 14:03	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 14:03	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:03	100-42-5	
Tetrachloroethene	185	ug/L	1.0	0.41	1		07/22/21 14:03	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 14:03	108-88-3	
Trichloroethene	3.2	ug/L	1.0	0.32	1		07/22/21 14:03	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 14:03	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 14:03	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/22/21 14:03	1330-20-7	
cis-1,2-Dichloroethene	0.93J	ug/L	1.0	0.47	1		07/22/21 14:03	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 14:03	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 14:03	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 14:03	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 14:03	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 14:03	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 14:03	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 14:03	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 14:03	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 14:03	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 14:03	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	114	%	70-130		1		07/22/21 14:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		07/22/21 14:03	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/22/21 14:03	2037-26-5	

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## ANALYTICAL RESULTS

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

Sample: TRIP	Lab ID: 40230155004	Collected: 07/16/21 00:00	Received: 07/17/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/23/21 17:14	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/23/21 17:14	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/23/21 17:14	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/23/21 17:14	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/23/21 17:14	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/23/21 17:14	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/23/21 17:14	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/23/21 17:14	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/23/21 17:14	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/23/21 17:14	120-82-1	L2
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/23/21 17:14	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/23/21 17:14	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/23/21 17:14	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/23/21 17:14	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/23/21 17:14	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/23/21 17:14	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/23/21 17:14	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/23/21 17:14	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/23/21 17:14	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/23/21 17:14	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/23/21 17:14	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/23/21 17:14	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/23/21 17:14	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		07/23/21 17:14	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/23/21 17:14	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/23/21 17:14	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/23/21 17:14	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/23/21 17:14	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/23/21 17:14	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/23/21 17:14	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/23/21 17:14	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/23/21 17:14	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/23/21 17:14	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/23/21 17:14	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/23/21 17:14	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/23/21 17:14	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/23/21 17:14	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/23/21 17:14	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/23/21 17:14	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/23/21 17:14	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/23/21 17:14	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/23/21 17:14	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/23/21 17:14	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/23/21 17:14	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/23/21 17:14	100-42-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

Sample: TRIP	Lab ID: 40230155004	Collected: 07/16/21 00:00	Received: 07/17/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/23/21 17:14	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/23/21 17:14	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/23/21 17:14	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/23/21 17:14	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/23/21 17:14	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/23/21 17:14	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/23/21 17:14	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/23/21 17:14	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/23/21 17:14	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/23/21 17:14	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/23/21 17:14	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/23/21 17:14	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/23/21 17:14	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/23/21 17:14	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/23/21 17:14	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/23/21 17:14	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/23/21 17:14	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	116	%	70-130		1		07/23/21 17:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	112	%	70-130		1		07/23/21 17:14	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/23/21 17:14	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

QC Batch: 390904 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40230155001, 40230155002, 40230155003, 40230155004

METHOD BLANK: 2254357

Matrix: Water

Associated Lab Samples: 40230155001, 40230155002, 40230155003, 40230155004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/22/21 08:30	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/22/21 08:30	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/22/21 08:30	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	07/22/21 08:30	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/22/21 08:30	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/22/21 08:30	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/22/21 08:30	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/22/21 08:30	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	07/22/21 08:30	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/22/21 08:30	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/22/21 08:30	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/22/21 08:30	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/22/21 08:30	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/22/21 08:30	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/22/21 08:30	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/22/21 08:30	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/22/21 08:30	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/22/21 08:30	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/22/21 08:30	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/22/21 08:30	
2,2-Dichloropropane	ug/L	<4.2	5.0	07/22/21 08:30	
2-Chlorotoluene	ug/L	<0.89	5.0	07/22/21 08:30	
4-Chlorotoluene	ug/L	<0.89	5.0	07/22/21 08:30	
Benzene	ug/L	<0.30	1.0	07/22/21 08:30	
Bromobenzene	ug/L	<0.36	1.0	07/22/21 08:30	
Bromochloromethane	ug/L	<0.36	5.0	07/22/21 08:30	
Bromodichloromethane	ug/L	<0.42	1.0	07/22/21 08:30	
Bromoform	ug/L	<3.8	5.0	07/22/21 08:30	
Bromomethane	ug/L	<1.2	5.0	07/22/21 08:30	
Carbon tetrachloride	ug/L	<0.37	1.0	07/22/21 08:30	
Chlorobenzene	ug/L	<0.86	1.0	07/22/21 08:30	
Chloroethane	ug/L	<1.4	5.0	07/22/21 08:30	
Chloroform	ug/L	<1.2	5.0	07/22/21 08:30	
Chloromethane	ug/L	<1.6	5.0	07/22/21 08:30	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/22/21 08:30	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	07/22/21 08:30	
Dibromochloromethane	ug/L	<2.6	5.0	07/22/21 08:30	
Dibromomethane	ug/L	<0.99	5.0	07/22/21 08:30	
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/22/21 08:30	
Diisopropyl ether	ug/L	<1.1	5.0	07/22/21 08:30	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

METHOD BLANK: 2254357

Matrix: Water

Associated Lab Samples: 40230155001, 40230155002, 40230155003, 40230155004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	07/22/21 08:30	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/22/21 08:30	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/22/21 08:30	
m&p-Xylene	ug/L	<0.70	2.0	07/22/21 08:30	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/22/21 08:30	
Methylene Chloride	ug/L	<0.32	5.0	07/22/21 08:30	
n-Butylbenzene	ug/L	<0.86	1.0	07/22/21 08:30	
n-Propylbenzene	ug/L	<0.35	1.0	07/22/21 08:30	
Naphthalene	ug/L	<1.1	5.0	07/22/21 08:30	
o-Xylene	ug/L	<0.35	1.0	07/22/21 08:30	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/22/21 08:30	
sec-Butylbenzene	ug/L	<0.42	1.0	07/22/21 08:30	
Styrene	ug/L	<0.36	1.0	07/22/21 08:30	
tert-Butylbenzene	ug/L	<0.59	1.0	07/22/21 08:30	
Tetrachloroethene	ug/L	<0.41	1.0	07/22/21 08:30	
Toluene	ug/L	<0.29	1.0	07/22/21 08:30	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/22/21 08:30	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	07/22/21 08:30	
Trichloroethene	ug/L	<0.32	1.0	07/22/21 08:30	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/22/21 08:30	
Vinyl chloride	ug/L	<0.17	1.0	07/22/21 08:30	
Xylene (Total)	ug/L	<1.0	3.0	07/22/21 08:30	
1,2-Dichlorobenzene-d4 (S)	%	110	70-130	07/22/21 08:30	
4-Bromofluorobenzene (S)	%	114	70-130	07/22/21 08:30	
Toluene-d8 (S)	%	104	70-130	07/22/21 08:30	

LABORATORY CONTROL SAMPLE: 2254358

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	44.3	89	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	66-130	
1,1,2-Trichloroethane	ug/L	50	45.6	91	70-130	
1,1-Dichloroethane	ug/L	50	48.6	97	68-132	
1,1-Dichloroethene	ug/L	50	47.0	94	85-126	
1,2,4-Trichlorobenzene	ug/L	50	33.6	67	70-130 L2	
1,2-Dibromo-3-chloropropane	ug/L	50	42.7	85	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	44.3	89	70-130	
1,2-Dichlorobenzene	ug/L	50	43.3	87	70-130	
1,2-Dichloroethane	ug/L	50	47.7	95	70-130	
1,2-Dichloropropane	ug/L	50	47.0	94	78-125	
1,3-Dichlorobenzene	ug/L	50	42.4	85	70-130	
1,4-Dichlorobenzene	ug/L	50	41.4	83	70-130	
Benzene	ug/L	50	45.7	91	70-132	
Bromodichloromethane	ug/L	50	45.2	90	70-130	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

**LABORATORY CONTROL SAMPLE: 2254358**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	39.5	79	65-130	
Bromomethane	ug/L	50	39.9	80	44-128	
Carbon tetrachloride	ug/L	50	46.0	92	70-130	
Chlorobenzene	ug/L	50	44.0	88	70-130	
Chloroethane	ug/L	50	48.1	96	73-137	
Chloroform	ug/L	50	47.6	95	80-122	
Chloromethane	ug/L	50	43.0	86	27-148	
cis-1,2-Dichloroethene	ug/L	50	44.7	89	70-130	
cis-1,3-Dichloropropene	ug/L	50	39.0	78	70-130	
Dibromochloromethane	ug/L	50	45.1	90	70-130	
Dichlorodifluoromethane	ug/L	50	31.6	63	22-151	
Ethylbenzene	ug/L	50	45.0	90	80-123	
Isopropylbenzene (Cumene)	ug/L	50	45.8	92	70-130	
m&p-Xylene	ug/L	100	88.1	88	70-130	
Methyl-tert-butyl ether	ug/L	50	40.7	81	66-130	
Methylene Chloride	ug/L	50	45.3	91	70-130	
o-Xylene	ug/L	50	44.7	89	70-130	
Styrene	ug/L	50	45.0	90	70-130	
Tetrachloroethene	ug/L	50	43.0	86	70-130	
Toluene	ug/L	50	44.2	88	80-121	
trans-1,2-Dichloroethene	ug/L	50	43.5	87	70-130	
trans-1,3-Dichloropropene	ug/L	50	37.7	75	58-125	
Trichloroethene	ug/L	50	43.7	87	70-130	
Trichlorofluoromethane	ug/L	50	46.3	93	84-148	
Vinyl chloride	ug/L	50	47.0	94	63-142	
Xylene (Total)	ug/L	150	133	89	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			101	70-130	

**MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254529**
**2254531**

Parameter	Units	MS		MSD		MS		MSD		% Rec		Max	
		40230147002	Spike Result	Spike Conc.	Conc.	Result	% Rec	Result	% Rec	Limits	RPD	RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	52.5	51.7	105	103	70-130	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	55.1	53.5	110	107	66-130	3	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.3	52.7	105	105	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	56.6	56.1	113	112	68-132	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	55.8	54.4	112	109	76-132	3	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	44.6	43.0	89	86	70-130	4	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	55.7	55.1	111	110	51-126	1	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	51.4	51.6	103	103	70-130	0	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	51.1	50.3	102	101	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	54.0	53.7	108	107	70-130	1	20		

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## QUALITY CONTROL DATA

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

Parameter	Units	40230147002		MS		MSD		2254531		Max		
		Result	Spike Conc.	Spike	Conc.	MS Result	MSD	MS % Rec	MSD % Rec	% Rec Limits	RPD	RPD
												Qual
1,2-Dichloropropane	ug/L	<0.45	50	50	52.7	52.0	105	104	77-125	1	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	48.8	48.3	98	97	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	47.9	47.6	96	95	70-130	1	20	
Benzene	ug/L	<0.30	50	50	52.2	51.6	104	103	70-132	1	20	
Bromodichloromethane	ug/L	<0.42	50	50	51.4	51.2	103	102	70-130	0	20	
Bromoform	ug/L	<3.8	50	50	45.9	45.2	92	90	65-130	2	20	
Bromomethane	ug/L	<1.2	50	50	51.4	52.6	103	105	44-128	2	21	
Carbon tetrachloride	ug/L	<0.37	50	50	53.8	53.0	108	106	70-132	2	20	
Chlorobenzene	ug/L	<0.86	50	50	50.4	50.3	101	101	70-130	0	20	
Chloroethane	ug/L	<1.4	50	50	60.6	58.1	121	116	70-137	4	20	
Chloroform	ug/L	<1.2	50	50	54.8	53.9	110	108	80-122	2	20	
Chloromethane	ug/L	<1.6	50	50	59.4	56.7	119	113	17-149	5	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.8	52.5	105	104	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	42.2	42.9	84	86	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	52.3	51.4	105	103	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	49.4	48.4	99	97	22-158	2	20	
Ethylbenzene	ug/L	<0.33	50	50	52.1	52.0	104	104	80-123	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	53.4	52.8	107	106	70-130	1	20	
m&p-Xylene	ug/L	<0.70	100	100	104	101	104	101	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	47.2	48.5	94	97	66-130	3	20	
Methylene Chloride	ug/L	<0.32	50	50	53.5	50.8	107	102	70-130	5	20	
o-Xylene	ug/L	<0.35	50	50	51.7	52.2	103	104	70-130	1	20	
Styrene	ug/L	<0.36	50	50	51.5	50.8	103	102	70-130	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	49.7	49.8	99	100	70-130	0	20	
Toluene	ug/L	<0.29	50	50	51.3	51.4	103	103	80-121	0	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	51.0	50.7	102	101	70-134	1	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	42.5	43.3	85	87	58-130	2	20	
Trichloroethene	ug/L	0.35J	50	50	49.4	49.0	98	97	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	56.2	53.8	112	108	82-151	4	20	
Vinyl chloride	ug/L	<0.17	50	50	61.5	59.9	123	120	61-143	3	20	
Xylene (Total)	ug/L	<1.0	150	150	155	153	104	102	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%							106	105	70-130		
4-Bromofluorobenzene (S)	%							105	105	70-130		
Toluene-d8 (S)	%							102	103	70-130		

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## QUALIFIERS

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

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### 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

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

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0156045 WRI GROUNDWATER

Pace Project No.: 40230155

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40230155001	MW-20	EPA 8260	390904		
40230155002	MW-21	EPA 8260	390904		
40230155003	DUP-1	EPA 8260	390904		
40230155004	TRIP	EPA 8260	390904		

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
 without the written consent of Pace Analytical Services, LLC.

(Please Print Clearly)

Company Name:	GZA GeoEnvironmental	
Branch/Location:	Brookfield	
Project Contact:	Heidi Woelfel	
Phone:	414 687 3313	
Project Number:	20-015604S	
Project Name:	WRI Groundwater	
Project State:	WI, IOWA	
Sampled By (Print):	Sherry Stephenson	
Sampled By (Sign):		
PO #:		Regulatory Program:

**Data Package Options**

(billable)

- EPA Level III  
 EPA Level IV

**MS/MSD**

- On your sample (billable)  
 NOT needed on your sample

**Matrix Codes**

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
Sl = Sludge	WP = Wipe

COLLECTION		MATRIX
DATE	TIME	

**PACE LAB #****CLIENT FIELD ID**

001	MW-20	7/16/21 1009	GW	X
002	MW-21	7/16/21 0928	GW	X
003	DUP-1	7/16/21 —	GW	X
004	TRIP	7/16/21 —	W	X

**Rush Turnaround Time Requested - Prelims**

(Rush TAT subject to approval/surcharge)

Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:

Email #2:

Telephone:

Fax:

Samples on HOLD are subject to  
special pricing and release of liability**UPPER MIDWEST REGION**

MN: 612-607-1700 WI: 920-469-2436

Page 1 of

40230155

*Preservation Codes							
A=None	B=HCL	C=H2SO4	D=HNO3	E=DI Water	F=Methanol	G=NaOH	
H=Sodium Bisulfate Solution			I=Sodium Thiosulfate	J=Other			

FILTERED?  
(YES/NO)PRESERVATION  
(CODE)\*

Y/N

N

Pick Letter

B

Analyses Requested

VOC

Quote #:	SAME	
Mail To Contact:		
Mail To Company:		
Mail To Address:		
Invoice To Contact:		
Invoice To Company:		
Invoice To Address:		
Invoice To Phone:		
CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

**Rush Turnaround Time Requested - Prelims**

Relinquished By:

Date/Time:

7/16/21 1730

Received By:

CS Logistics

Date/Time:

7/16/21 1730

PACE Project No.

40230155

Relinquished By:

Date/Time:

7-17-21 900

Received By:

Date/Time:

7-17-21 900

Relinquished By:

Date/Time:

Received By:

Date/Time:

Relinquished By:

Date/Time:

Received By:

Date/Time:

Relinquished By:

Date/Time:

Received By:

Date/Time:

Receipt Temp = 0 °C

Sample Receipt pH

OK / Adjusted

Cooler Custody Seal

Present / Not Present  
Intact / Not Intact  
7-17-21

Version 6.0 06/14/06

ORIGINAL

# Sample Preservation Receipt Form

Client Name: GZA Environmental Project # 40230155

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

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

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/  
Time:

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	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN		
001																												2.5 / 5 / 10
002																												2.5 / 5 / 10
003																												2.5 / 5 / 10
004																												2.5 / 5 / 10
005																												2.5 / 5 / 10
006																												2.5 / 5 / 10
007																												2.5 / 5 / 10
008																												2.5 / 5 / 10
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018																												2.5 / 5 / 10
019																												2.5 / 5 / 10
020																												2.5 / 5 / 10

Exceptions to preservation check:  VOA  Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm) :  Yes  No  N/A \*If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						



Document Name:  
Sample Condition Upon Receipt (SCUR)

Document Revised: 26Mar2020

Document No.:  
ENV-FRM-GBAY-0014-Rev.00

Author:  
Pace Green Bay Quality Office

### Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: GZA Geo Environmental

WO# : **40230155**

Courier:  CS Logistics  Fed Ex  Speedee  UPS  Waltco

Client  Pace  Other:

Tracking #: 2069.071(62)



40230155

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 - 103 Type of Ice:  Wet  Blue  Dry  None

Samples on ice, cooling process has begun

Cooler Temperature Uncorr: -5 /Corr: 0

Person examining contents:

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Date: 7-17-75 /Initials: JL

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Labeled By Initials: JL

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: - VOA Samples frozen upon receipt	<input checked="" 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: 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	8.	
Correct Containers Used: -Pace Containers Used: -Pace IR Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	9.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
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>455</u>	

#### Client Notification/ Resolution:

If checked, see attached form for additional comments

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

Comments/ Resolution: \_\_\_\_\_

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

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