



Leather-Rich INC.

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Email: info@leatherrich.com
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May 26, 2021

Mr. Tim Alessi
Wisconsin Department of Natural Resources
2300 North Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128

Mr. Alessi:

Leather Rich began investigating potential remediation at its facility located at 1250 Corporate Center Drive, Oconomowoc, in early 2018, after initial investigation undertaken to facilitate the sale of the property raised concerns regarding the levels of tetrachloroethene (PCE) on the property. Since April 2018, we have been attempting to obtain permission from the Department to remediate the PCE and the daughter product, trichloroethylene (TCE).

As you are aware, Leather Rich is interested in moving forward with remediation of the site as quickly and efficiently as possible. To date, Leather Rich has taken the following actions (through our environmental consultants) in an attempt to facilitate the remediation of the property:

- Installed 21 ground monitoring wells, 17 of which are on the LRI property and 4 of which are on the neighboring Hein Electric property;
- Installed 11 sub-slab vapor points;
- Installed 3 piezometers;
- Completed vertical aquifer profiling and analysis;
- Collected and analyzed 76 soil samples;
- Collected and analyzed approximately 79 groundwater samples;
- Conducted a pilot vapor test at the facility;
- Completed an analysis of airflow inside the facility;
- And completed analysis of potential impact on nearby potable wells.

We've worked collaboratively with the owner of the neighboring property, a multi-tenant building currently hosting Hein Electric Supply Company, to obtain permission to install two additional monitoring wells. Leather Rich installed and promptly tested those two additional wells. Notification of the resulting analysis was provided to the property owner and is attached to this letter.

The sampling results were contrary to what was anticipated, and have raised additional questions related to the potential contamination attributable to Leather Rich. Based on this information, we will continue to investigate as expeditiously as possible in hopes of seeking the Department's permission to begin remediation in the very near future.

Leather Rich is committed to remediating the TCE and PCE attributable to our operations. However, Leather Rich is a small business, and has expended approximately \$275,000 on this investigation, which has now lasted over three years. We have yet to begin the actual remediation, which is anticipated to last several additional years. The cost is unknown, but a conservative estimate could easily be double what we have already spent. For a small business of 20 part-time employees, it is an unconscionable amount. Adding to that is the impact on the personal lives of Ms. Cheryl Chew and myself. Although I had hoped to retire upon selling the property, both Cheryl and I work daily for the sole purpose of funding this environmental investigation.

The ongoing investigation has had significant impacts on our business and our lives. For this reason, Leather Rich requests that the Department take these limitations and the impact of this ongoing investigation into consideration going forward.

We will continue to provide the results of the ongoing investigation, and additional information, to the Department as required. We look forward to submitting our request to begin remediation in the very near future.

Respectfully,

A handwritten signature in blue ink, reading "Joanne Kantor", is written over a horizontal line.

Joanne Kantor, Owner
Leather Rich, Inc.

cc: Rep. Barbara Dittrich
Sen. John Jagler



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17975 West Sarah Lane
Suite 100
Brookfield, WI 53045
T: 262.754.2560
F: 262.923.7758
www.gza.com

May 26, 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 - May 2021
Hein Electric Supply Company
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 sampling results for the May 2021 sampling activities on the property occupied by the multi-tenant building located at 1860 Executive Drive and northwest of LRI in Oconomowoc, Wisconsin. The meeting to discuss the well locations was conducted on April 27, 2021, with representatives from the Bohrer Family, their legal counsel, LRI and legal counsel, and GZA. 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. In 2017, a groundwater sample collected from the LRI property indicated concentrations of PCE above the Wisconsin Administrative Code (Wis. Adm. Code) NR 140 groundwater Enforcement Standard (ES). The Wisconsin Department of Natural Resources (WDNR) subsequently issued the following Bureau of Remediation and Redevelopment Tracking System (BRRTS) Number for the Site on April 9, 2018: BRRTS #02-68-581237. 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
2300 North Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128
(414) 263-8563
timothy.alessi@wisconsin.gov

SOIL AND GROUNDWATER RESULTS

The two new monitoring wells were installed on May 1, 2021, north and north west of the 1860 Executive Drive building. Monitoring well MW-20, located northwest of the Rogers Behavioral Health Foundation suite, and Monitoring well MW-21, located behind the building near the loading docks, were both installed to a depth of 25 feet below ground surface (bgs). At each well location, the subsurface soils were collected for visual classification and field screening with a photoionization detector (PID). The soils at each well location did not exhibit any visual or

¹ Information on the Site is provided at:

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



olfactory indication of impairment, and no volatile organic compound (VOC) emissions were detected with the PID. As such, no subsurface soil samples were collected for analytical testing at the two monitoring well locations.

Following development of each of the two new monitoring wells, a groundwater sample was collected on May 4, 2021, using low-flow sampling techniques with a peristaltic pump and dedicated, disposable polyethylene tubing for laboratory analyses. Per the requirements of Wisconsin Administrative Code (WAC) 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. Figure 1 presents the site layout, well locations, and the extent of PCE in groundwater following receipt of the most recent analytical results.

LRI may wish to conduct additional groundwater sampling from these wells to confirm the most recent results as part of the ongoing LRI site investigation with the WDNR. GZA or LRI will be in touch with you to schedule site access for resampling the wells on the 1860 Executive Drive property.


Per WAC 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 advance and sample the soil borings and 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.


Heidi A. Woelfel
Project Manager


James F. Drought, P.H.
Principal Hydrogeologist

J:\156000to156999\156045 Leather Rich\01 Add'l-Off-Site\Report\Off-Site Notification\May 2021\
FINAL 20.0156045.01 Notification of GW Sampling Results_Oconomowoc WI 5-26-21.docx

Attachments: Table 1
Figure 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

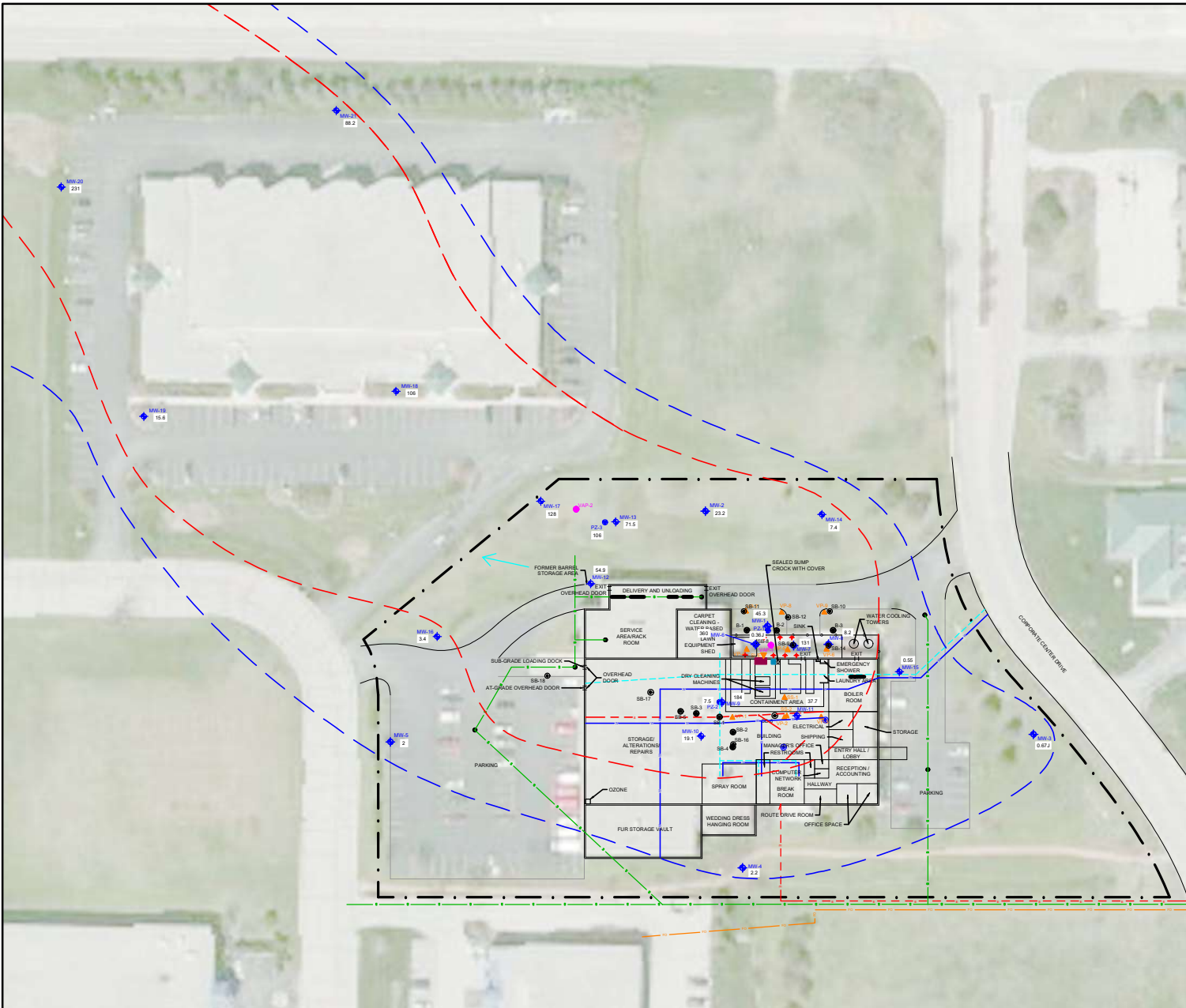
Parameter	ES (µg/L)	PAL (µg/L)	MW-20	MW-21
Sample Date			5/4/2021	5/4/2021
Collected By			GZA	GZA
Tetrachloroethene	5	0.5	<u>231</u>	<u>88.2</u>
Trichloroethene	5	0.5	4.9	0.39 J
Vinyl chloride	0.2	0.02	< 0.17	< 0.17
cis-1,2-Dichloroethene	70	7	2.0	< 0.47
trans-1,2-Dichloroethene	100	20	< 0.53	< 0.53
Nitrate as N	10,000	2,000	NA	NA
Sulfate	NS	NS	NA	NA
Iron, Dissolved	NS	NS	NA	NA
Manganese, Dissolved	300	60	NA	NA
Total Organic Carbon	NS	NS	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 (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. "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.

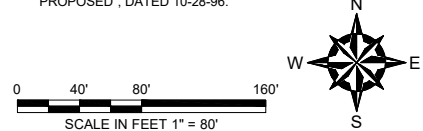


FIGURES



LEGEND	
	APPROXIMATE PROPERTY BOUNDARY
	MW-1 GROUNDWATER MONITORING WELL
	VAP-1 VERTICAL AQUIFER PROFILE WELL
	PZ-1 PIEZOMETER
	B-1 SOIL BORINGS
	SB-1 DRAIN
	VP-1 SOIL VAPOR POINT
	SS-1 SUB-SLAB VAPOR POINT
	TRENCH DRAIN
	PCE FILTRATION UNIT
	PCE ABOVE GROUND STORAGE TANK
	INJECTION WELL LOCATION
	SOIL VAPOR EXTRACTION WELL LOCATION
	PCE PAL EXCEEDANCE, 0.5 UG/L
	PCE ES EXCEEDANCE, 5 UG/L
	GROUNDWATER FLOW DIRECTION
45.3	MOST RECENT PCE CONCENTRATIONS IN UG/L

- NOTES**
1. BASE MAP DEVELOPED FROM A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS PUBLISHED BY THE U.S.G.S.
 2. THE USE OF AERIAL PHOTOGRAPHY CAN OFTEN MAKE BUILDINGS AND OTHER SITE FEATURES APPEAR TO BE OVERLAPPING AND DISTORTED WHEN OVERLAID WITH ACTUAL SITE FEATURES.
 3. THE LOCATION OF THE EXPLORATIONS WERE APPROXIMATELY DETERMINED BY LINE OF SIGHT AND/OR TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THESE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 4. THE APPROXIMATE LOCATION OF THE SITE BOUNDARY, BUILDING FOOTPRINT, AND EXPLORATIONS WERE OBTAINED FROM PROFESSIONAL CONSULTANTS, INC. "FIRST FLOOR PLAN", DATED 6-25-93, AND "SITE PLAN PROPOSED", DATED 10-28-96.



NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

LEATHER - RICH, INC.
1250 CORPORATE CENTER DRIVE
OCONOMOWOC, WI 53066

GROUNDWATER TETRACHLOROETHENE (PCE) EXTENT

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: LEATHER - RICH, INC. 1250 CORPORATE CENTER DRIVE OCONOMOWOC, WI 53066		
PROJ MGR: HAW	REVIEWED BY: JFD	CHECKED BY: JLP	FIG
DESIGNED BY: HAW	DRAWN BY: PLR	SCALE: see above	1
DATE: 5/18/2021	PROJECT NO. 20.0156045.00	REVISION NO.	



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

May 11, 2021

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

RE: Project: 20.0156045.01 LEATHER RICH OFF
Pace Project No.: 40226378

Dear Heidi Woelfel:

Enclosed are the analytical results for sample(s) received by the laboratory on May 06, 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: 20.0156045.01 LEATHER RICH OFF

Pace Project No.: 40226378

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: 20.0156045.01 LEATHER RICH OFF
Pace Project No.: 40226378

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40226378001	MW-20	Water	05/04/21 14:26	05/06/21 08:50
40226378002	MW-21	Water	05/04/21 15:21	05/06/21 08:50
40226378003	TRIP	Water	05/04/21 00:00	05/06/21 08:50
40226378004	DUP-1	Water	05/04/21 00:00	05/06/21 08:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 20.0156045.01 LEATHER RICH OFF

Pace Project No.: 40226378

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40226378001	MW-20	EPA 8260	SMT	8	PASI-G
40226378002	MW-21	EPA 8260	SMT	8	PASI-G
40226378003	TRIP	EPA 8260	SMT	8	PASI-G
40226378004	DUP-1	EPA 8260	SMT	8	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 20.0156045.01 LEATHER RICH OFF

Pace Project No.: 40226378

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40226378001	MW-20					
EPA 8260	Tetrachloroethene	231	ug/L	1.0	05/10/21 12:45	
EPA 8260	Trichloroethene	4.9	ug/L	1.0	05/10/21 12:45	
EPA 8260	cis-1,2-Dichloroethene	2.0	ug/L	1.0	05/10/21 12:45	
40226378002	MW-21					
EPA 8260	Tetrachloroethene	88.2	ug/L	1.0	05/10/21 13:05	
EPA 8260	Trichloroethene	0.39J	ug/L	1.0	05/10/21 13:05	
40226378004	DUP-1					
EPA 8260	Tetrachloroethene	232	ug/L	1.0	05/10/21 13:24	
EPA 8260	Trichloroethene	4.9	ug/L	1.0	05/10/21 13:24	
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	05/10/21 13:24	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0156045.01 LEATHER RICH OFF
Pace Project No.: 40226378

Sample: MW-20 **Lab ID: 40226378001** Collected: 05/04/21 14:26 Received: 05/06/21 08:50 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	231	ug/L	1.0	0.41	1		05/10/21 12:45	127-18-4	
Trichloroethene	4.9	ug/L	1.0	0.32	1		05/10/21 12:45	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/10/21 12:45	75-01-4	
cis-1,2-Dichloroethene	2.0	ug/L	1.0	0.47	1		05/10/21 12:45	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/10/21 12:45	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/10/21 12:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		05/10/21 12:45	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		05/10/21 12:45	2037-26-5	

Sample: MW-21 **Lab ID: 40226378002** Collected: 05/04/21 15:21 Received: 05/06/21 08:50 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	88.2	ug/L	1.0	0.41	1		05/10/21 13:05	127-18-4	
Trichloroethene	0.39J	ug/L	1.0	0.32	1		05/10/21 13:05	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/10/21 13:05	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/10/21 13:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/10/21 13:05	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		05/10/21 13:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		05/10/21 13:05	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		05/10/21 13:05	2037-26-5	

Sample: TRIP **Lab ID: 40226378003** Collected: 05/04/21 00:00 Received: 05/06/21 08:50 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		05/10/21 18:04	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/10/21 18:04	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/10/21 18:04	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/10/21 18:04	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/10/21 18:04	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		05/10/21 18:04	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		05/10/21 18:04	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		05/10/21 18:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0156045.01 LEATHER RICH OFF

Pace Project No.: 40226378

Sample: DUP-1 **Lab ID: 40226378004** Collected: 05/04/21 00:00 Received: 05/06/21 08:50 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	232	ug/L	1.0	0.41	1		05/10/21 13:24	127-18-4	
Trichloroethene	4.9	ug/L	1.0	0.32	1		05/10/21 13:24	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/10/21 13:24	75-01-4	
cis-1,2-Dichloroethene	2.1	ug/L	1.0	0.47	1		05/10/21 13:24	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/10/21 13:24	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		05/10/21 13:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		05/10/21 13:24	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		05/10/21 13:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 20.0156045.01 LEATHER RICH OFF

Pace Project No.: 40226378

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

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.


QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0156045.01 LEATHER RICH OFF
Pace Project No.: 40226378

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40226378001	MW-20	EPA 8260	384612		
40226378002	MW-21	EPA 8260	384612		
40226378003	TRIP	EPA 8260	384612		
40226378004	DUP-1	EPA 8260	384612		

REPORT OF LABORATORY ANALYSIS

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 1241 Bellevue Street, Green Bay, WI 54302	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

WO# : 40226378

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



Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used SR - 9 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 0 / Corr: 1

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

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

Person examining contents:
Date: <u>5/6/21</u> / Initials: <u>[Signature]</u>
Labeled By Initials: <u>[Signature]</u>

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>po #, pg#</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>KS 5/6/21</u>
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 type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>447</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