



June 9, 2021

Wisconsin Department of Natural Resources

Attn: Ms. Carrie Stoltz
107 Sutliff Ave
Rhineland, WI 54501

Subject:

Update Report
Former Minocqua Cleaners
8576 Highway 51 North
Minocqua, WI
WDNR BRRTS #02-44-000113

Dear Carrie:

Enclosed is the Update Report for the above referenced site. This report is specific to the completion of the additional approved groundwater and vapor sampling events.

Thank you for your assistance with this project. Please contact me at (715) 675-9784 or dlarsen@reiengineering.com if you would like to discuss this further.

Sincerely,
REI Engineering, Inc.

A handwritten signature in black ink that reads "David N. Larsen".

David N. Larsen PG
Senior Hydrogeologist/Project Manager

Cc: Mr. Dominic Giuffre, 6635 S 13th Street, Milwaukee, WI 53221



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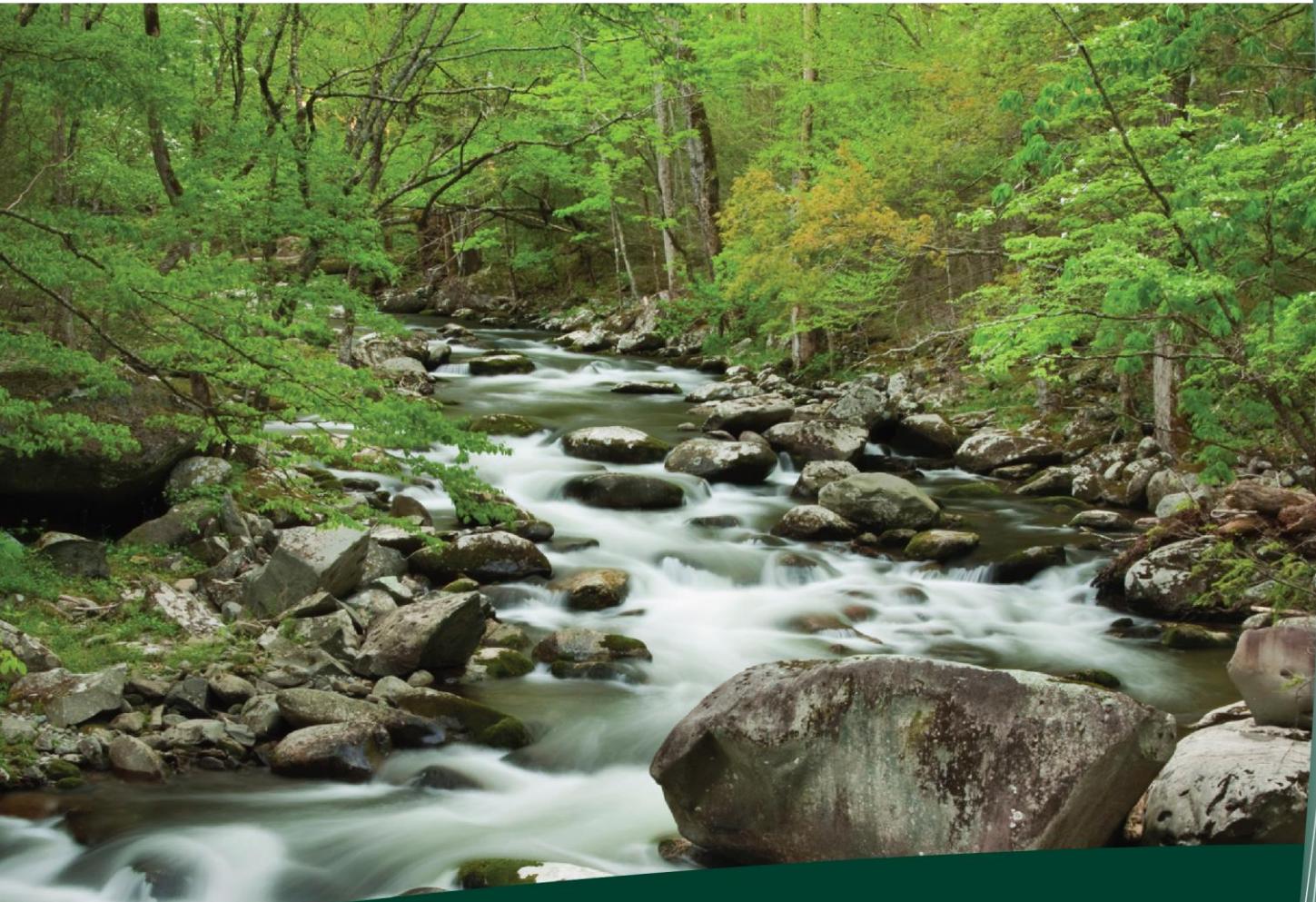
4080 N. 20th Avenue Wausau, WI 54401
715-675-9784 REIengineering.com



CIVIL & ENVIRONMENTAL
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**UPDATE REPORT
FORMER MINOCQUA CLEANERS
8576 HIGHWAY 51 NORTH
MINOCQUA, WI 54548**

**BRRTS #02-44-000113
REI PROJECT #3056**



**COMPREHENSIVE
SERVICES WITH
PRACTICAL
SOLUTIONS**



UPDATE REPORT

**FORMER MINOCQUA CLEANERS
8576 HIGHWAY 51 NORTH
MINOCQUA, WI 54548**

**BRRTS # 02-44-000113
REI PROJECT #3056**



PREPARED FOR:

**Mr. Dominic Giuffre
6635 South 13th Street
Milwaukee, WI 53221**

JUNE 2021

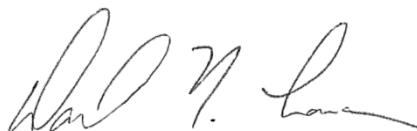
UPDATE REPORT

FORMER MINOCQUA CLEANERS 8576 HIGHWAY 51 NORTH MINOCQUA, WI 54548

**BRRTS # 02-44-000113
REI PROJECT #3056**

The recommendations contained in this report are based on the information obtained from our study of the site and were arrived at in accordance with accepted hydrogeologic and engineering practices at this time and location.

"I, David N. Larsen, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Admn. Code, and that to the best of my knowledge, all the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



Hydrogeologist

June 9, 2021

Date

"I, Matthew C. Michalski, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Admn. Code, and that to the best of my knowledge, all the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



Hydrogeologist

June 9, 2021

Date

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UPDATE REPORT

FORMER MINOCQUA CLEANERS 8576 HIGHWAY 51 NORTH MINOCQUA, WI 54548

**BRRTS # 02-44-000113
REI PROJECT #3056**

1.0 INTRODUCTION

REI Engineering, Inc. (REI) is providing an Update Report for the Former Minocqua Cleaners. The Former Minocqua Cleaners property is located in the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 11, Township 39 North, Range 6 East, in the Town of Minocqua, Oneida County, Wisconsin (Figure 1). The site address is 8576 Highway 51 North, Minocqua, Wisconsin 54848. The Wisconsin Transverse Mercator coordinates for the site are 543098, 600741.

The subject property is currently operated as Chequamegon's Adventure Bicycles. The property is a mixture of asphalt and gravel parking surface and the building footprint. The site layout as well as all soil and groundwater sampling points are presented on Figure 2.

2.0 SUMMARY OF WORK

2.1 Groundwater Monitoring and Analytical Results

REI personnel were on site on April 6, 2021 to sample the existing monitoring well network. Low flow sampling methodologies were utilized for the collection of each water sample. All purge water waste generated during this scope of services was temporarily stored in 55-gallon WDOT approved drums before final disposal at the City of Wausau waste water treatment facility. Water elevation measurements are presented in Table 1.

The groundwater monitoring wells associated with this investigation have a history of being subjected to frost jacking. The wells were last sampled in 2014 and casing elevations appear to have shifted since 2014 and an accurate and representative groundwater flow direction could not be calculated. Historically, groundwater flow directions are to the east, but the subject property is located on an isthmus extending into Lake Minocqua and the water table has typically been very flat.

Groundwater samples were collected using low flow sampling methodology and submitted for laboratory analysis of VOCs to Pace Analytical in Green Bay, Wisconsin. Analysis of the groundwater samples from the groundwater monitoring event indicates detectable chlorinated compounds above NR 140.10 Groundwater Quality Enforcement Standards (ES) and laboratory qualified Preventive Action Limits (PAL) exceedances at multiple sample locations. The primary contaminant of concern, and the only analyte detected above the laboratory detection limit on the April 6, 2021 sampling event, was Tetrachloroethene (PCE).

While PCE detections were prevalent in the samples collected on April 6, 2021, the PCE contaminant concentrations have decreased significantly over the years this investigation has been open. The PCE detections, from the April 6, 2021 sampling event, ranged from a high of 12.1 parts per billion (ppb) at MW1 to a laboratory qualified low detection of 0.58 ppb at PZ9. Monitoring well analytical results at MW4, MW7, MW8, MW9, MW10, PZ7 and PZ8 were non-detect for all analyzed parameters and wells PZ3 and PZ6 were not sampled on April 6, 2021. The water in PZ3 was frozen and could not be sampled and a trailer was parked over PZ6 and could not be moved.

Groundwater analytical results are summarized in Tables 2a-t. The complete laboratory analytical report is included as Appendix A.

2.2 Sub-Slab Vapor and Sewer Gas Monitoring and Analytical Results

On April 2, 2021, REI personnel installed two (2) sub-slab vapor ports in the onsite building. A sub-slab vapor port was installed in the addition on the back of the main building (VP-1) and a second sub-slab vapor port was installed in the back of the main

building (VP-2). Sub-slab vapor samples were collected using a six (6) liter Suma canister with a thirty (30) minute flow controller. Prior to drawing vapor, a helium shroud was used to detect any leaks in the vapor probe seal or sampling train. The helium shroud remained in place for the duration of the sample collection. Sub-slab vapor samples were submitted for laboratory analysis of TO-15 List Volatile Organic Compounds (VOCs) to Pace Analytical in Minneapolis, Minnesota.

Additionally, REI personnel also collected a sewer gas sample from a bathroom sink drain. Photographs of the sample collection process are included in Appendix B. The *Investigation Protocol – Sewers and Utility Tunnels as Preferential Pathways for Volatile Organic Compound Migration Into Buildings: Risk Factors and Investigation Protocol* document describes the process by which sewer lines can be sampled through a sink drain beyond the P trap. The polyethylene tubing could not pass the trap without disconnecting the plumbing, which consisted of hand tight PVC fittings. The piping was disconnected, the tubing slid beyond the trap, and the plumbing was then reconnected for sampling. The line was purged for five (5) minutes using a RAE Plus Classic 4 gas meter with field measurements for Oxygen, Carbon Monoxide (CO), Lower Explosive Limit (LEL), Hydrogen Sulfide (H₂S) and Volatile Organic Compounds (VOCs). Oxygen was 20.1%, CO and LEL were 0 %, with H₂S and VOCs 0.0 parts per million (PPM). The sewer gas vapor sample was also collected using a six (6) liter Suma canister with a thirty (30) minute flow controller. The sewer gas vapor sample was submitted for laboratory analysis of TO-15 List Volatile Organic Compounds (VOCs) to Pace Analytical in Minneapolis, Minnesota.

The building located on the subject property is a slab on grade construction and completed without a basement. The subject building has been categorized as a Small Commercial building for vapor risk calculations purposes.

Vapor analytical results identified the following:

VP-1: Identified low-level detections for numerous VOCs. However, the concentrations did not exceed any U.S. EPA Small Commercial Sub-Slab Vapor

Risk Screening Levels (VRSL). However, the residential vapor risk was exceeded for Tetrachloroethene.

VP-2: Identified low-level detections for numerous VOCs. However, the concentrations did not exceed either the U.S. EPA Small Commercial or Residential Sub-Slab Vapor Risk Screening Levels (VRSL).

Sewer: The sewer gas sample identified low-level detections for numerous VOCs. However, the concentrations did not exceed either the U.S. EPA Small Commercial or Residential Sub-Slab Vapor Risk Screening Levels (VRSL).

The sub-slab vapor probe locations and the sewer gas sample location are depicted in Figure 3. Indoor air and sub-slab vapor analytical results are summarized in Table 3. Site photographs are included in Appendix B. The complete sub-slab and sanitary sewer vapor laboratory analytical results are included in Appendix C.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Active dry cleaning has not been performed at the Former Minocqua Cleaners location for many years. Based on the results of sub-slab vapor sampling, chlorinated vapors were not detectable beneath the slab in concentrations exceeding the U.S. EPA Small Commercial Sub-Slab Vapor Risk Screening Levels. As such, sub-slab chlorinated vapors do not appear to represent a significant risk beneath the building.

Based on the results of sanitary sewer line vapor sampling, residual product does not appear to be present in the sewer line. Sewer line vapor potential does not appear to represent a significant vapor source into the building.

Groundwater analytical concentrations have been decreasing at this site since groundwater sampling first began in 1986. Tetrachloroethene (PCE) is the contaminant of concern and the only contaminant to be detected in the groundwater during the April 6, 2021 sampling event. Reductive dichlorination does not appear to be occurring, as no daughter compounds are present, and the reduction in

concentration is likely due to dilution and previous source control measures. Figures 4a and 4b document PCE concentrations in the groundwater during the April 2021 sampling event.

Based on current site conditions, REI is recommending that this investigation be directed to WDNR review for case closure consideration.

Table 1
Depth to Water and Water Level Elevations
Former Minocqua Cleaners
Minocqua, WI

Depth to Water (feet) below Reference Elevation

Date	MW1	MW2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	PZ1	PZ2	PZ3	PZ4	PZ5	PZ6	PZ7	PZ8	PZ9
11/6/2001	17.38	15.58	17.98								17.66	7.68	7.62						
11/15/2006	18.17	16.45	18.79	18.01	20.19	15.71	8.02				17.09	7.12	7.04						
2/13/2007	17.61	15.93	18.24	18.05	19.64	15.21	7.53				17.98	7.99	7.92						
3/27/2008	18.48	16.78	19.10	18.32	20.56	16.02	8.33				17.08	7.12	7.02						
7/22/2008	17.46	15.82	18.15	17.43	19.52	15.06	7.44				17.50	7.53	7.46						
10/28/2008	17.99	16.30	18.62	17.87	19.99	15.54	7.87				18.05	8.07	8.01						
2/5/2009	18.56	16.82	19.13	18.40	20.55	16.04	8.42				17.76	7.78	7.72						
4/15/2009	18.27	16.55	18.88	18.10	20.29	15.79	8.12				17.61	7.62	7.57						
7/28/2009	18.11	16.40	18.72	17.96	20.11	15.61	7.98				17.57	7.59	7.52						
10/27/2009	18.08	16.39	18.68	17.92	20.09	15.61	7.93				17.54	7.55	7.49						
1/21/2010	18.04	16.34	18.65	17.88	20.08	15.58	7.90				18.01	20.60	14.00						
11/5/2014											16.76	6.79	6.68						
11/6/2014	17.25	14.81	17.86	17.10	19.28	14.76	7.13				17.13	15.68	15.43						
5/20/2014	16.91	14.42	17.49	16.76	18.94	14.35	6.88				16.77	15.31	15.07						
8/28/2014	17.68	19.15	17.75	16.99	14.70	14.61	7.09				17.00	15.52	15.31						
4/6/2021	17.99	15.65	18.69	17.87	20.16	15.60	8.15				17.86	16.44	19.03						

Measuring Point Elevations

Elevations referenced to a site specific datum

Top of Casing	101.60	99.96	102.27	101.47	103.68	99.21	91.43	102.34	104.98	98.34	101.13	91.12	91.06	101.45	100.04	99.21	102.62	105.16	98.10
---------------	--------	-------	--------	--------	--------	-------	-------	--------	--------	-------	--------	-------	-------	--------	--------	-------	--------	--------	-------

Ground Surface Elevation

	99.30	98.43	100.71	102.13	104.17	99.82	92.17	102.87	105.58	98.57	98.70	91.89	91.68	101.95	100.37	100.37	102.87	105.58	98.57
--	-------	-------	--------	--------	--------	-------	-------	--------	--------	-------	-------	-------	-------	--------	--------	--------	--------	--------	-------

Depth to Water (feet) below Ground Surface

Average	15.57	14.70	16.89	18.42	20.07	16.00	8.51	18.61	21.30	14.29	14.94	8.15	7.93	17.69	16.07	16.43	18.58	21.26	14.30
Maximum	16.26	17.62	17.57	19.06	21.05	16.65	9.16	19.33	22.12	14.99	15.62	8.84	8.63	18.36	16.77	16.59	19.28	21.93	14.99
Minimum	14.61	12.89	15.93	17.42	15.19	14.96	7.62	18.15	20.82	13.86	13.98	7.23	6.98	17.27	15.64	16.23	18.14	20.84	13.87
Range	1.65	4.73	1.64	1.64	5.86	1.69	1.54	1.18	1.30	1.13	1.64	1.61	1.65	1.09	1.13	0.36	1.14	1.09	1.12

Water Level Elevation (feet MSL)

Date	MW1	MW2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	PZ1	PZ2	PZ3	PZ4	PZ5	PZ6	PZ7	PZ8	PZ9
11/6/2001	84.22	84.38	84.29								83.47	83.44	83.44						
11/15/2006	83.43	83.51	83.48	83.46	83.49	83.50	83.41				84.04	84.00	84.02						
2/13/2007	83.99	84.03	84.03	83.42	84.04	84.00	83.90				83.15	83.13	83.14						
3/27/2008	83.12	83.18	83.17	83.15	83.12	83.19	83.10				84.05	84.00	84.04						
7/22/2008	84.14	84.14	84.12	84.04	84.16	84.15	83.99				83.63	83.59	83.60						
10/28/2008	83.61	83.66	83.65	83.60	83.69	83.67	83.56				83.08	83.05	83.05						
2/5/2009	83.04	83.14	83.14	83.07	83.13	83.17	83.01				83.37	83.34	83.34						
4/15/2009	83.33	83.41	83.39	83.37	83.39	83.42	83.31				83.52	83.50	83.49						
7/28/2009	83.49	83.56	83.55	83.51	83.57	83.60	83.45				83.56	83.53	83.54						
10/27/2009	83.52	83.57	83.59	83.55	83.59	83.60	83.50				83.59	83.57	83.57						
1/21/2010	83.56	83.62	83.62	83.59	83.60	83.63	83.53				84.33	84.38	84.34						
11/5/2014											84.37	84.33	84.38						
11/6/2014	84.35	85.15	84.41	84.37	84.40	84.45	84.30				84.72	84.66	84.70						
5/20/2014	84.69	85.54	84.78	84.71	84.74	84.86	84.55				84.72	84.66	84.70						
8/28/2014	83.92	80.81	84.52	84.48	88.98	84.60	84.34				84.51	84.48	84.47						
4/6/2021	83.61	84.31	83.58	83.60	83.52	83.61	83.28				83.46	83.58	83.56						

Table 2a
Summary of Groundwater Analytical Results
Geoprosbes
Former Minocqua Cleaners

Parameter	ES	PAL	Units	GP1	GP3	GP4	GP5	GP6	GP7	GP8	GP9	GP11	GP12	GP13	GP14
				Date	02/16/06	02/16/06	02/16/06	02/16/06	02/16/06	02/16/06	02/16/06	02/17/06	02/17/06	02/17/06	
VOC Parameters															
Vinyl chloride	0.2	0.02	µg/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	7	0.7	µg/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	100	20	µg/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	850	85	µg/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	70	7	µg/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	6	0.6	µg/l	< 1	< 1	< 1	< 1	< 1	< 1	0.67*	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	200	40	µg/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	5	0.5	µg/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	5	0.5	µg/l	< 1	< 1	< 1	< 1	< 1	0.7*	1.6	0.8*	< 1	< 1	< 1	< 1
Tetrachloroethene	5	0.5	µg/l	7.8	11	4.3	6.4	5.9	22	1.5	3.6	4.5	8.3	< 1	3.1

Parameter	ES	PAL	Units	GP2																
				Date	02/16/06	11/15/06	02/13/07	03/27/08	07/22/08	10/28/08	02/05/09	04/15/09	07/28/09	10/27/09	01/21/10	11/06/13	05/20/14	08/28/14		
VOC Parameters																				
Vinyl chloride	0.2	0.02	µg/l	< 2					< 0.15	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	< 0.18		
1,1-Dichloroethene	7	0.7	µg/l	< 1					< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.43	< 0.41	< 0.41		
trans-1,2-Dichloroethene	100	20	µg/l	< 1					< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.37	< 0.24	< 0.24		
1,1-Dichloroethane	850	85	µg/l	< 1					< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.28	< 0.18	< 0.18		
cis-1,2-Dichloroethene	70	7	µg/l	< 1					< 0.20	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.42	< 0.26	< 0.26		
Chloroform	6	0.6	µg/l	< 1					< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.69	< 2.5	< 2.5		
1,1,1-Trichloroethane	200	40	µg/l	< 1					< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.44	< 0.50	< 0.50		
1,2-Dichloroethane	5	0.5	µg/l	< 1					< 0.10	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.48	< 0.41	< 0.41		
Trichloroethene	5	0.5	µg/l	< 1					< 0.20	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.36	< 0.33	< 0.33		
Tetrachloroethene	5	0.5	µg/l	1.3					0.79	15.5	28.8	33.8	35	10.4	25.5	25.6	30.6	9.8	6.2	8.3

Parameter	ES	PAL	Units	GP10													
				Date	02/16/06	11/15/06	02/13/07	03/27/08	07/22/08	10/28/08	02/05/09	04/15/09	07/28/09	10/27/09	01/21/10	11/06/13	05/20/14
VOC Parameters																	
Vinyl chloride	0.2	0.02	µg/l	< 2	< 1.5	< 0.75	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	< 0.18
1,1-Dichloroethene	7	0.7	µg/l	< 1	< 1.5	< 0.75	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.43	< 0.41	< 0.41
trans-1,2-Dichloroethene	100	20	µg/l	< 1	< 1.0	< 0.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.37	< 0.24	< 0.24
1,1-Dichloroethane	850	85	µg/l	< 1	< 1.0	< 0.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.28	< 0.18	< 0.18
cis-1,2-Dichloroethene	70	7	µg/l	< 1	< 2.0	< 1.0	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.42	< 0.26	< 0.26
Chloroform	6	0.6	µg/l	< 1	< 1.0	< 0.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.69	< 2.5	< 2.5
1,1,1-Trichloroethane	200	40	µg/l	< 1	< 2.0	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.44	< 0.50	< 0.50
1,2-Dichloroethane	5	0.5	µg/l	< 1	< 1.0	< 0.50	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.48	< 0.41	< 0.41
Trichloroethene	5	0.5	µg/l	< 1	< 2.0	< 1.0	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.36	< 0.33	< 0.33
Tetrachloroethene	5	0.5	µg/l	< 1	< 1.0	30	1.05	0.93*	1.15	2.09	1.35	1.11	0.98*	1.18	< 0.47	< 0.50	< 0.50

Notes:
 ES = NR140.10 Enforcement Standards
 PAL = NR140.10 Preventive Action Limits
 NS = Not Sampled
 * = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation
 Enforcement Standard exceeded **BOLD**
 Preventive Action Limit exceeded *Italics*

All February 2006 groundwater sampling completed during Phase I activities - completed by Sigma Environmental Services, Inc.
 All Geoprobe groundwater samples completed by Sigma Environmental Services, Inc. were collected from a depth of 15-20 feet below land surface

Table 2b
Summary of Groundwater Analytical Results
MW1
Former Minocqua Cleaners

Date ->			1986	1988	1992	12/10/97	11/06/01	11/15/06	02/13/07	3/27/2008	7/22/2008
Sampled By ->			STS	GME	Drake	REI Engineering, Inc.					
VOC Parameters	ES	PAL	Units								
Tetrachloroethene	5	0.5	µg/l	2,025	3,600	1,820	900	310	45.6	29.8	49.4
Trichloroethene	5	0.5	µg/l	NA	NA	NA	NA	< 1.8	< 4.0	< 1.0	< 0.40
cis-1,2-Dichloroethene	70	7	µg/l	NA	NA	NA	NA	< 1.5	< 4.0	< 1.0	< 0.30
Vinyl Chloride	0.2	0.02	µg/l	NA	NA	NA	NA	< 0.36	< 3.0	< 0.75	< 0.20
Benzene	5	0.5	µg/l	NA	NA	NA	NA	NA	< 3.0	< 0.75	< 0.20
Toluene	800	160	µg/l	NA	NA	NA	NA	NA	< 8.0	< 2.0	< 0.40
Ethylbenzene	700	140	µg/l	NA	NA	NA	NA	NA	< 2.0	< 0.5	< 0.20
Xylenes (mixed isomers)	2,000	400	µg/l	NA	NA	NA	NA	NA	< 8.0	< 2.0	< 0.40
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NA	NA	NA	NA	NA	< 2.0	< 0.5	< 0.50
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NA	NA	NA	NA	NA	< 3.0	< 0.75	< 0.20
Dichlorodifluoromethane	1,000	200	µg/l	NA	NA	NA	NA	NA		1.18	< 0.30
Inorganics											
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	NA	3.0*	NA	NA
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	NA	0.065*	NA	NA
Chloride	250	125	mg/l	NA	NA	NA	NA	NA	23.1	NA	NA
Nitrogen	10	2	mg/l	NA	NA	NA	NA	NA	0.5	NA	NA
Sulfate	250	125	mg/l	NA	NA	NA	NA	NA	4.97	NA	NA
Total Organic Carbon			mg/l	NA	NA	NA	NA	NA	4.31	NA	NA
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	NA	33.6	NA	NA

Date ->			10/28/2008	2/5/2009	4/15/2009	7/28/2009	10/27/2009	1/21/2010	11/6/2013	5/20/2014	8/28/2014	4/6/2021
Sampled By ->			REI Engineering, Inc.									
VOC Parameters	ES	PAL	Units									
Tetrachloroethene	5	0.5	µg/l	78.1	79.3	70.0	65.0	48.8	54.0	21.9	11.4	
Trichloroethene	5	0.5	µg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.36	< 0.33	
cis-1,2-Dichloroethene	70	7	µg/l	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.42	< 0.26	
Vinyl Chloride	0.2	0.02	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	
Benzene	5	0.5	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.50	< 0.50	
Toluene	800	160	µg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.44	< 0.50	
Ethylbenzene	700	140	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.50	< 0.50	
Xylenes (mixed isomers)	2,000	400	µg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 1.32	< 1.5	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.49	< 0.17	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 1.0	< 1.0	
Dichlorodifluoromethane	1,000	200	µg/l	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.40	< 0.16	
Field Parameters												
Temperature			°F	NA	NA	NA	NA	NA	NA	49.59	49.52	
Conductivity			µS/cm	NA	NA	NA	NA	NA	NA	297	307	
Dissolved Oxygen			mg/l	NA	NA	NA	NA	NA	NA	4.24	0.18	
pH				NA	NA	NA	NA	NA	NA	6.51	5.57	
Oxygen Reduction Potential			mV	NA	NA	NA	NA	NA	NA	20.9	207.3	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

BOLD

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2c
Summary of Groundwater Analytical Results
MW2
Former Minocqua Cleaners

Date ->			1986	1988	1992	12/10/97	11/06/01	11/15/06	02/13/07	3/27/2008	7/22/2008
Sampled By ->			STS	GME	Drake				REI Engineering, Inc.		
VOC Parameters	ES	PAL	Units								
Tetrachloroethene	5	0.5	µg/l	40,800	35,000	5,925	240	29	19.3	15.2	19.10
Trichloroethene	5	0.5	µg/l	NA	NA	NA	NA	< 0.89	< 1.0	< 1.0	< 0.40
cis-1,2-Dichloroethene	70	7	µg/l	NA	NA	NA	NA	< 0.73	< 1.0	< 1.0	< 0.30
Vinyl Chloride	0.2	0.02	µg/l	NA	NA	NA	NA	< 0.18	< 0.75	< 0.75	< 0.20
Benzene	5	0.5	µg/l	NA	NA	NA	NA	NA	1.15*	< 0.75	< 0.20
Toluene	800	160	µg/l	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 0.40
Ethylbenzene	700	140	µg/l	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.20
Xylenes (mixed isomers)	2,000	400	µg/l	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 0.40
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NA	NA	NA	NA	NA	< 0.50	< 0.5	< 0.50
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NA	NA	NA	NA	NA	< 0.75	< 0.75	< 0.20
Inorganics											
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	NA	< 2.0	NA	NA
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	NA	0.068*	NA	NA
Chloride	250	125	mg/l	NA	NA	NA	NA	NA	39.9	NA	NA
Nitrogen	10	2	mg/l	NA	NA	NA	NA	NA	2.63	NA	NA
Sulfate	250	125	mg/l	NA	NA	NA	NA	NA	6.42	NA	NA
Total Organic Carbon			mg/l	NA	NA	NA	NA	NA	3.68	NA	NA
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	NA	8.64	NA	NA

Date ->			10/28/2008	2/5/2009	4/15/2009	7/28/2009	10/27/2009	1/21/2010	11/6/2013	5/20/2014	8/28/2014	4/6/2021
Sampled By ->			REI Engineering, Inc.									
VOC Parameters	ES	PAL	Units									
Tetrachloroethene	5	0.5	µg/l	17.70	19.90	16.30	15.80	15.90	16.70	11.5	7.8	
Trichloroethene	5	0.5	µg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.36	< 0.33	
cis-1,2-Dichloroethene	70	7	µg/l	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.42	< 0.26	
Vinyl Chloride	0.2	0.02	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	
Benzene	5	0.5	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.50	< 0.50	
Toluene	800	160	µg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.44	< 0.50	
Ethylbenzene	700	140	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.50	< 0.50	
Xylenes (mixed isomers)	2,000	400	µg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 1.32	< 0.50	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.49	< 0.17	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 1.0	< 1.0	
Dichlorodifluoromethane	1,000	200	µg/l	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.40	< 0.16	
Field Parameters												
Temperature			°F	NA	NA	NA	NA	NA	53.8	49.06	51.41	
Conductivity			uS/cm	NA	NA	NA	NA	NA	608	774	672	
Dissolved Oxygen			mg/l	NA	NA	NA	NA	NA	7.08	0.17	3.54	
pH				NA	NA	NA	NA	NA	5.66	5.04	5.63	
Oxygen Reduction Potential			mV	NA	NA	NA	NA	NA	68.3	218.7	99.7	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2d
Summary of Groundwater Analytical Results
MW3
Former Minocqua Cleaners

Date ->			1986	1988	1992	12/10/97	11/06/01	11/15/06	02/13/07	3/27/2008	7/22/2008
Sampled By ->			STS	GME	Drake				REI Engineering, Inc.		
VOC Parameters	ES	PAL	Units								
Tetrachloroethene	5	0.5	µg/l	1,890	3,600	NA	1.3	130	34	22.9	37.6
Trichloroethene	5	0.5	µg/l	NA	NA	NA	< 0.89	< 1.0	< 1.0	< 0.40	< 0.40
cis-1,2-Dichloroethene	70	7	µg/l	NA	NA	NA	< 0.73	< 1.0	< 1.0	< 0.30	< 0.30
Vinyl Chloride	0.2	0.02	µg/l	NA	NA	NA	< 0.18	< 0.75	< 0.75	< 0.20	< 0.20
1,1-Dichloropropylene			µg/l	NA	NA	NA		2.01	< 1.5	< 0.20	< 0.20
Benzene	5	0.5	µg/l	NA	NA	NA	NA	0.77*	< 0.75	< 0.40	< 0.40
Toluene	800	160	µg/l	NA	NA	NA	NA	< 2.0	< 2.0	< 0.20	< 0.20
Ethylbenzene	700	140	µg/l	NA	NA	NA	NA	< 0.50	< 0.5	< 0.40	< 0.40
Xylenes (mixed isomers)	2,000	400	µg/l	NA	NA	NA	NA	< 2.0	< 2.0	< 0.50	< 0.50
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	NA	NA	NA	NA	< 0.50	< 0.5	< 0.20	< 0.20
Trimethylbenzenes (mixed isomers)	480	96	µg/l	NA	NA	NA	NA	< 0.75	< 0.75	< 0.30	< 0.30
Inorganics											
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	< 2.0	NA	NA	NA
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	0.052*	NA	NA	NA
Chloride	250	125	mg/l	NA	NA	NA	NA	12.7	NA	NA	NA
Nitrogen	10	2	mg/l	NA	NA	NA	NA	2.29	NA	NA	NA
Sulfate	250	125	mg/l	NA	NA	NA	NA	7.24	NA	NA	NA
Total Organic Carbon			mg/l	NA	NA	NA	NA	2.67	NA	NA	NA
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	10.8	NA	NA	NA

Date ->			10/28/2008	2/5/2009	4/15/2009	7/28/2009	10/27/2009	1/21/2010	11/6/2013	5/20/2014	8/28/2014	4/6/2021
Sampled By ->			REI Engineering, Inc.									
VOC Parameters	ES	PAL	Units									
Tetrachloroethene	5	0.5	µg/l	35.5	38.1	28.2	32.3	29.5	26.9	18.7	5.2	
Trichloroethene	5	0.5	µg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.36	< 0.33	
cis-1,2-Dichloroethene	70	7	µg/l	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.42	< 0.26	
Vinyl Chloride	0.2	0.02	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	
Benzene	5	0.5	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.50	< 0.50	
Toluene	800	160	µg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.44	< 0.50	
Ethylbenzene	700	140	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.50	< 0.50	
Xylenes (mixed isomers)	2,000	400	µg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 1.32	< 1.5	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.49	< 0.17	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 1.0	< 1.0	
Dichlorodifluoromethane	1,000	200	µg/l	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.40	< 0.16	
Field Parameters												
Temperature			°F	NA	NA	NA	NA	NA	NA	51.86	48.52	
Conductivity			uS/cm	NA	NA	NA	NA	NA	NA	254	207	
Dissolved Oxygen			mg/l	NA	NA	NA	NA	NA	NA	8.41	0.13	
pH				NA	NA	NA	NA	NA	NA	6.19	5.14	
Oxygen Reduction Potential			mV	NA	NA	NA	NA	NA	NA	45.4	182.5	
										69.2	151	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2e
Summary of Groundwater Analytical Results
MW4
Former Minocqua Cleaners

				Date ->	11/15/06	02/13/07	03/27/08	07/22/08	10/28/08	02/05/09	04/15/09	07/28/09	10/27/09	01/21/10	11/06/13	05/20/14	08/28/14	04/06/21
				Sampled By ->	REI Engineering, Inc.													
VOC Parameters	ES	PAL	Units															
Tetrachloroethene	5	0.5	µg/l	< 1.0	0.47*	1.34	1.06	0.79*	0.94*	1.15	1.00	0.67*	0.82*	1.6	0.97*	0.60*	< 0.41	
Trichloroethene	5	0.5	µg/l	< 2.0	< 0.20	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 1.0	< 0.20	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.42	< 0.26	< 0.26	< 0.47	
Vinyl Chloride	0.2	0.02	µg/l	< 1.5	< 0.15	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	1.68*	< 0.15	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 1.0	< 0.40	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 1.0	< 0.10	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 4.0	< 0.40	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.32	< 1.5	< 1.5	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	1.32*	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.5	< 0.15	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 1.0	< 1.0	< 1.0	< 0.45	
Inorganics																		
Manganese - Dissolved	50	25	µg/l	29.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	0.040*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloride	250	125	mg/l	125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	2.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	250	125	mg/l	8.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon			mg/l	4.89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	3.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Field Parameters																		
Temperature			°F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50.48	48.69	50.99	49.8	
Conductivity			µS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	258	289	219	155	
Dissolved Oxygen			mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.69	0.18	3.49	8.7	
pH				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.52	5.18	5.68	5.7	
Oxygen Reduction Potential			mV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	216.8	180.5	80.4	182	

Notes:
 ES = NR140.10 Enforcement Standards
 PAL = NR140.10 Preventive Action Limits
 Enforcement Standard exceeded **BOLD**
 Preventive Action Limit exceeded *Italics*
 NA = Not Analyzed
 * = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2f
Summary of Groundwater Analytical Results
MWS
Former Minocqua Cleaners

				Date ->	11/15/06	02/13/07	3/27/2008	7/22/2008	10/28/2008	2/5/2009	4/15/2009	7/28/2009	10/27/2009	1/21/2010	11/6/2013	5/20/2014	8/28/2014	4/6/2021
Sampled By ->				REI Engineering, Inc.														
VOC Parameters	ES	PAL	Units															
Tetrachloroethene	5	0.5	µg/l	48.70	26.50	22.70	23.40	21.20	18.90	20.90	22.70	17.10	19.80	9.9	9.6	11.4	5.0	
Trichloroethene	5	0.5	µg/l	< 2.0	< 1.0	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 2.0	< 1.0	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.42	< 0.26	< 0.26	< 0.47	
1,2-Trichloroethene			µg/l	1.06*	< 1.5	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.42	< 0.16	NA	NA	
1,1,2-Trichloroethene	5	0.5	µg/l	< 0.30	< 0.30	0.49*	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.44	< 0.44	< 0.16	< 0.34	
Vinyl Chloride	0.2	0.02	µg/l	< 1.5	< 0.75	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 1.5	< 0.75	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 4.0	< 2.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 1.0	< 0.5	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 4.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.32	< 1.50	< 1.0	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 1.0	< 0.5	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.5	< 0.75	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 1.0	< 0.50	< 0.45		
Inorganics																		
Manganese - Dissolved	50	25	µg/l	63.1	NA	NA	NA	NA	NA									
Iron - Dissolved	300	150	µg/l	0.036*	NA	NA	NA	NA	NA									
Chloride	250	125	mg/l	67.2	NA	NA	NA	NA	NA									
Nitrogen	10	2	mg/l	1.23	NA	NA	NA	NA	NA									
Sulfate	250	125	mg/l	8.7	NA	NA	NA	NA	NA									
Total Organic Carbon			mg/l	2.29	NA	NA	NA	NA	NA									
Total Inorganic Carbon			mg/l	7.79	NA	NA	NA	NA	NA									
Field Parameters																		
Temperature			°F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50.48	48.34	51.14	51.5
Conductivity			uS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	450	457	626	271
Dissolved Oxygen			mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.58	0.2	4.81	7.45
pH				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.3	5.26	5.35	5.94
Oxygen Reduction Potential			mV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	141.4	223.7	105.9	166

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2g
Summary of Groundwater Analytical Results
MW6
Former Minocqua Cleaners

				Date ->	11/15/06	02/13/07	3/27/2008	7/22/2008	10/28/2008	2/5/2009	4/15/2009	7/28/2009	10/27/2009	1/21/2010	11/6/2013	5/20/2014	8/28/2014	4/6/2021
				Sampled By ->	REI Engineering, Inc.													
VOC Parameters	ES	PAL	Units															
Tetrachloroethene	5	0.5	µg/l	7.0	5.96	11.60	9.93	11.40	14.00	10.20	10.80	11.40	10.60	0.90*	0.95*	0.92*	1.2	
Trichloroethene	5	0.5	µg/l	< 2.0	< 0.20	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 1.0	< 0.20	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.42	< 0.26	< 0.26	< 0.47	
1,1,2-Trichloroethene	5	0.5	µg/l	< 1.0	< 0.30	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.42	< 0.16	< 0.16	< 0.34	
1,1-Dichloropropylene			µg/l	< 1.5	< 0.30	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.44	< 0.44	< 0.44	< 0.41	
Vinyl Chloride	0.2	0.02	µg/l	< 1.5	< 0.15	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 1.5	< 0.15	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 1.0	< 0.40	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 1.0	< 0.10	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 4.0	< 0.40	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.32	< 1.50	< 1.0	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 1.0	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.5	< 0.15	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 1.0	< 0.50	< 0.45		
Inorganics																		
Manganese - Dissolved	50	25	µg/l	31.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	0.079*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloride	250	125	mg/l	136	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	7.82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	250	125	mg/l	13.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon			mg/l	4.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	21.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Field Parameters																		
Temperature			°F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	55.49	47.07	53.74	50.5	
Conductivity			uS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,296	1,429	763	1,117	
Dissolved Oxygen			mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.77	0.25	3.58	7.59	
pH				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.92	5.84	5.73	6.07	
Oxygen Reduction Potential			mV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	97.6	176.7	70.7	159.4	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2h
Summary of Groundwater Analytical Results
MW7
Former Minocqua Cleaners

				Date ->	11/15/06	2/13/2007	3/27/2008	7/22/2008	10/28/2008	2/5/2009	4/15/2009	7/28/2009	10/27/2009	1/21/2010	11/6/2013	5/20/2014	8/28/2014	4/6/2021
Sampled By ->				REI Engineering, Inc.														
VOC Parameters	ES	PAL	Units															
Tetrachloroethene	5	0.5	µg/l	37.2	42.1	49.80	12.10	14.30	35.90	8.49	11.70	7.51	13.70	1.6	1.4	0.90*	< 0.41	
Trichloroethene	5	0.5	µg/l	<i>2.0</i>	< 1.0	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	<i>1.46</i>	<i>0.41*</i>	<i>0.41*</i>	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 2.0	< 1.0	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.42	< 0.26	< 0.26	< 0.47	
1,1,2-Trichloroethene	5	0.5	µg/l	< 1.0	< 1.5	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.42	< 0.16	< 0.16	< 0.34	
1,1-Dichloropropylene			µg/l	< 1.5	< 1.5	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.44	< 0.44	< 0.44	< 0.41	
Vinyl Chloride	0.2	0.02	µg/l	< 1.5	< 0.75	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 1.5	< 0.75	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 4.0	< 2.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 1.0	< 0.5	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 4.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.32	< 1.50	< 1.0	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 1.0	< 0.5	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.5	< 0.75	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 1.0	< 0.50	< 0.45		
Inorganics																		
Manganese - Dissolved	50	25	µg/l	37.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	0.036*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloride	250	125	mg/l	54.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	0.11*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	250	125	mg/l	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon			mg/l	2.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	19.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Field Parameters																		
Temperature			°F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.37	41.52	54.1	43.2
Conductivity			uS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	571	922	1,083	194
Dissolved Oxygen			mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.44	0.28	4.15	9.67
pH				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.07	4.17	5.3	5.64
Oxygen Reduction Potential			mV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	70.5	245.1	95.5	190

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2i
Summary of Groundwater Analytical Results
MW8
Former Minocqua Cleaners

				Date ->	11/05/13	05/20/14	08/28/14	4/6/2021
				Sampled By ->	REI Engineering, Inc.			
VOC Parameters	ES	PAL	Units					
Tetrachloroethene	5	0.5	µg/l	< 0.47	< 0.50	0.61*	< 0.41	
Trichloroethene	5	0.5	µg/l	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 0.42	< 0.26	< 0.26	< 0.47	
1,1-Dichloropropylene			µg/l	< 0.44	< 0.44	< 0.44	< 0.41	
Vinyl Chloride	0.2	0.02	µg/l	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 1.32	< 1.50	< 1.50	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.0	< 1.0	< 1.0	< 0.45	
Inorganics								
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	
Chloride	250	125	mg/l	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	NA	NA	NA	NA	
Sulfate	250	125	mg/l	NA	NA	NA	NA	
Total Organic Carbon			mg/l	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	
Field Parameters								
Temperature			°F	NA	45.58	51.61	48.1	
Conductivity			uS/cm	NA	792	637	507	
Dissolved Oxygen			mg/l	NA	0.37	3.43	3.07	
pH				NA	5.57	5.82	5.75	
Oxygen Reduction Potential			mV	NA	150.8	53.3	143	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2j
Summary of Groundwater Analytical Results
MW9
Former Minocqua Cleaners

				Date ->	11/05/13	05/20/14	08/28/14	4/6/2021
				Sampled By ->	REI Engineering, Inc.			
VOC Parameters	ES	PAL	Units					
Tetrachloroethene	5	0.5	µg/l	< 0.47	< 0.50	< 0.50	< 0.41	
Trichloroethene	5	0.5	µg/l	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 0.42	< 0.26	< 0.26	< 0.47	
1,1-Dichloropropylene			µg/l	< 0.44	< 0.44	< 0.44	< 0.41	
Vinyl Chloride	0.2	0.02	µg/l	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 1.32	< 1.50	< 1.0	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.49	< .17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.0	< 1.0	< 0.50	< 0.45	
Inorganics								
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	
Chloride	250	125	mg/l	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	NA	NA	NA	NA	
Sulfate	250	125	mg/l	NA	NA	NA	NA	
Total Organic Carbon			mg/l	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	
Field Parameters								
Temperature			°F	NA	48.4	52.35	50.4	
Conductivity			uS/cm	NA	2,245	1,127	332	
Dissolved Oxygen			mg/l	NA	0.27	3.62	8.72	
pH				NA	5.44	5.29	6.26	
Oxygen Reduction Potential			mV	NA	165.1	67.2	8.72	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2k
Summary of Groundwater Analytical Results
MW10
Former Minocqua Cleaners

				Date ->	11/05/13	05/20/14	08/28/14	4/6/2021
				Sampled By ->	REI Engineering, Inc.			
VOC Parameters	ES	PAL	Units					
Tetrachloroethene	5	0.5	µg/l	< 0.47	< 0.50	< 0.50	< 0.41	
Trichloroethene	5	0.5	µg/l	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 0.42	< 0.26	< 0.26	< 0.47	
1,1-Dichloropropylene			µg/l	< 0.44	< 0.44	< 0.44	< 0.41	
Vinyl Chloride	0.2	0.02	µg/l	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 1.32	< 1.50	< 1.0	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.0	< 1.0	< 0.50	< 0.45	
Inorganics								
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	
Chloride	250	125	mg/l	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	NA	NA	NA	NA	
Sulfate	250	125	mg/l	NA	NA	NA	NA	
Total Organic Carbon			mg/l	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	
Field Parameters								
Temperature			°F	NA	48.52	55.2	49.3	
Conductivity			uS/cm	NA	1,842	1,191	2,288	
Dissolved Oxygen			mg/l	NA	0.53	0.0	7.27	
pH				NA	5.14	5.73	5.74	
Oxygen Reduction Potential			mV	NA	219.4	-39.2	155.3	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 21
Summary of Groundwater Analytical Results
PZ1
Former Minocqua Cleaners

				Date ->	11/15/06	02/13/07	3/27/2008	7/22/2008	10/28/2008	2/5/2009	4/15/2009	7/28/2009	10/27/2009	1/21/2010	11/06/13	05/20/14	08/28/14	04/06/21
Sampled By ->				REI Engineering, Inc.														
VOC Parameters	ES	PAL	Units															
Tetrachloroethene	5	0.5	µg/l	222	197	210	223	208	140	100	91.5	74.4	79.5	14.3	9.0	17.5	6.1	
Trichloroethene	5	0.5	µg/l	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 0.42	< 0.26	< 0.26	< 0.47	
1,1,2-Trichloroethene	5	0.5	µg/l	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 0.44	< 0.16	< 0.16	< 0.34	
1,1-Dichloropropylene			µg/l	< 1.5	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 0.51	< 0.44	< 0.44	< 0.41	
Vinyl Chloride	0.2	0.02	µg/l	< 1.5	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 1.5	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 4.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 4.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 1.32	< 1.50	< 1.0	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.5	4.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 0.50	< 0.45		
Inorganics																		
Manganese - Dissolved	50	25	µg/l	21.3	NA	NA	NA	NA	NA	NA	NA							
Iron - Dissolved	300	150	µg/l	0.029*	NA	NA	NA	NA	NA	NA	NA							
Chloride	250	125	mg/l	50.3	NA	NA	NA	NA	NA	NA	NA							
Nitrogen	10	2	mg/l	3.12	NA	NA	NA	NA	NA	NA	NA							
Sulfate	250	125	mg/l	15.8	NA	NA	NA	NA	NA	NA	NA							
Total Organic Carbon			mg/l	2.6	NA	NA	NA	NA	NA	NA	NA							
Total Inorganic Carbon			mg/l	38.8	NA	NA	NA	NA	NA	NA	NA							
Field Parameters																		
Temperature			°F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48.74	48.71	51.3	50.0	
Conductivity			uS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	459	534	498	654	
Dissolved Oxygen			mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.59	0.18	1.38	5.7	
pH				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.49	5.53	7.9	7.93	
Oxygen Reduction Potential			mV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-60.1	132.3	36.9	111	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2m
Summary of Groundwater Analytical Results
PZ2
Former Minocqua Cleaners

Date ->				11/15/06	02/13/07	3/27/2008	7/22/2008	10/28/2008	2/5/2009	4/15/2009	7/28/2009	10/27/2009	1/21/2010	11/06/13	05/20/14	08/28/14	4/6/2021
Sampled By ->				REI Engineering, Inc.													
VOC Parameters	ES	PAL	Units														
Tetrachloroethene	5	0.5	µg/l	146	105	138	140	147	< 3.0	125	117	113	122	62.8	74.4	50.4	9.6
Trichloroethene	5	0.5	µg/l	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	0.39*	0.83*	< 0.33	< 0.32
cis-1,2-Dichloroethene	70	7	µg/l	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 0.42	< 0.26	< 0.26	< 0.47
1,1,2-Trichloroethene	5	0.5	µg/l	< 1.0	< 1.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 0.39	< 0.16	< 0.16	< 0.34
trans-1,2-Dichloroethylene	100	20	µg/l	1.97*	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 0.37	< 0.24	< 0.26	< 0.53
1,1-Dichloropropylene			µg/l	< 1.5	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 0.51	< 0.44	< 0.44	< 0.41
Vinyl Chloride	0.2	0.02	µg/l	< 1.5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 0.18	< 0.18	< 0.18	< 0.17
Benzene	5	0.5	µg/l	< 1.5	< 1.5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.30
Toluene	800	160	µg/l	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 0.44	< 0.50	< 0.50	< 0.29
Ethylbenzene	700	140	µg/l	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.33
Xylenes (mixed isomers)	2,000	400	µg/l	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 1.32	< 1.5	< 1.0	< 0.70
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 0.49	< 0.17	< 0.17	< 1.1
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.5	< 1.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 0.50	< 0.45	
Inorganics																	
Manganese - Dissolved	50	25	µg/l	7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron - Dissolved	300	150	µg/l	0.028*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	250	125	mg/l	37.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen	10	2	mg/l	2.57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	250	125	mg/l	11.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon			mg/l	2.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Inorganic Carbon			mg/l	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																	
Temperature			°F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	61.3	48.44	52.44	47.5
Conductivity			µS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	599	674	579	542
Dissolved Oxygen			mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.92	0.18	1.86	3.2
pH				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.27	7.1	7.19	7.24
Oxygen Reduction Potential			mV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.2	158.9	56	109.1

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2n
Summary of Groundwater Analytical Results
PZ3
Former Minocqua Cleaners

				Date ->	11/15/06	02/13/07	3/27/2008	7/22/2008	10/28/2008	2/5/2009	4/15/2009	7/28/2009	10/27/2009	1/21/2010	11/06/13	05/20/14	08/28/14	04/06/21
				Sampled By ->	REI Engineering, Inc.													
VOC Parameters	ES	PAL	Units															
Tetrachloroethene	5	0.5	µg/l	20.6	5.12	2.88	2.38	0.74*	5.01	1.30	3.48	10.50	4.89	1.2	0.74*	0.72*		
Trichloroethene	5	0.5	µg/l	< 2.0	< 0.20	< 0.40	< 0.40	< 0.40	0.46*	< 0.40	< 0.40	< 0.40	< 0.36	< 0.33	< 0.33			
cis-1,2-Dichloroethene	70	7	µg/l	< 2.0	< 0.20	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.42	< 0.26	< 0.26			
1,1,2-Trichloroethene	5	0.5	µg/l	< 1.0	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.42	< 0.16	< 0.16			
trans-1,2-Dichloroethylene	100	20	µg/l	< 1.0	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.39	< 0.24	< 0.26			
1,1-Dichloropropylene			µg/l	< 1.5	< 0.30	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.37	< 0.44	< 0.44			
Vinyl Chloride	0.2	0.02	µg/l	< 1.5	< 0.15	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	< 0.18		
Benzene	5	0.5	µg/l	< 1.5	< 0.15	<i>1.45</i>	<i>1.34</i>	<i>1.26</i>	<i>1.88</i>	0.32*	<i>0.51*</i>	<i>0.87</i>	0.72	< 0.50	< 0.50	< 0.50		
Toluene	800	160	µg/l	< 4.0	< 0.40	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.44	< 0.50	< 0.50			
Ethylbenzene	700	140	µg/l	< 1.0	< 0.10	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50			
Xylenes (mixed isomers)	2,000	400	µg/l	< 4.0	< 0.40	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.32	< 1.5	< 1.0			
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 1.0	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.49	< 0.17	< 0.17			
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.5	< 0.15	< 0.30	< 0.30	< 0.30	0.21*	< 0.30	< 0.30	< 0.30	< 1.0	< 1.0	< 0.50			
Inorganics																		
Manganese - Dissolved	50	25	µg/l	93.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	0.063*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloride	250	125	mg/l	73.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	0.39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	250	125	mg/l	13.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon			mg/l	2.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	26.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Field Parameters																		
Temperature			°F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.75	45.64	50.87		
Conductivity			uS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	219	316	287		
Dissolved Oxygen			mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.74	0.25	2.87		
pH				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.04	5.08	6.26		
Oxygen Reduction Potential			mV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.6	203.1	66.6		

Not
Sampled
Water in
Well Still
Frozen

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

BOLD

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2o
Summary of Groundwater Analytical Results
PZ4
Former Minocqua Cleaners

				Date ->	11/05/13	05/20/14	08/28/14	4/6/2021
Sampled By ->				REI Engineering, Inc.				
VOC Parameters	ES	PAL	Units					
Tetrachloroethene	5	0.5	µg/l	99.3	51	49.3	10.1	
Trichloroethene	5	0.5	µg/l	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 0.42	< 0.26	< 0.26	< 0.47	
1,1-Dichloropropylene			µg/l	< 0.44	< 0.44	< 0.44	< 0.41	
Vinyl Chloride	0.2	0.02	µg/l	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 1.32	< 1.50	< 1.50	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.0	< 1.0	< 1.0	< 0.45	
Inorganics								
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	
Chloride	250	125	mg/l	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	NA	NA	NA	NA	
Sulfate	250	125	mg/l	NA	NA	NA	NA	
Total Organic Carbon			mg/l	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	
Field Parameters								
Temperature			°F	NA	50.69	49.63	49.2	
Conductivity			uS/cm	NA	523	346	554.6	
Dissolved Oxygen			mg/l	NA	0.15	3.64	5.77	
pH				NA	7.28	7.16	7.53	
Oxygen Reduction Potential			mV	NA	152.7	58.7	108	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2p
Summary of Groundwater Analytical Results
PZ5
Former Minocqua Cleaners

				Date ->	11/05/13	05/20/14	08/28/14	4/6/2021
Sampled By ->				REI Engineering, Inc.				
VOC Parameters	ES	PAL	Units					
Tetrachloroethene	5	0.5	µg/l	9.1	6.0	6.4	1.8	
Trichloroethene	5	0.5	µg/l	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 0.42	< 0.26	< 0.26	< 0.47	
1,1-Dichloropropylene			µg/l	< 0.44	< 0.44	< 0.44	< 0.41	
Vinyl Chloride	0.2	0.02	µg/l	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 1.32	< 1.50	< 1.50	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.0	< 1.0	< 1.0	< 0.45	
Inorganics								
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	
Chloride	250	125	mg/l	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	NA	NA	NA	NA	
Sulfate	250	125	mg/l	NA	NA	NA	NA	
Total Organic Carbon			mg/l	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	
Field Parameters								
Temperature			°F	NA	50.15	51.1	51.6	
Conductivity			uS/cm	NA	403	267	555	
Dissolved Oxygen			mg/l	NA	0.17	2.94	8.34	
pH				NA	5.87	7.01	8.12	
Oxygen Reduction Potential			mV	NA	178.1	46.4	112	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2q
Summary of Groundwater Analytical Results
PZ6
Former Minocqua Cleaners

				Date ->	11/05/13	05/20/14	08/28/14	4/6/2021
				Sampled By ->	REI Engineering, Inc.			
VOC Parameters	ES	PAL	Units					
Tetrachloroethene	5	0.5	µg/l	33.8	2.8	22.4		Not Sampled Trailer Parked Over Well
Trichloroethene	5	0.5	µg/l	< 0.36	< 0.33	< 0.33		
cis-1,2-Dichloroethene	70	7	µg/l	< 0.42	< 0.26	< 0.26		
1,1-Dichloropropylene			µg/l	< 0.44	< 0.44	< 0.44		
Vinyl Chloride	0.2	0.02	µg/l	< 0.18	< 0.18	< 0.18		
Benzene	5	0.5	µg/l	< 0.50	< 0.50	< 0.50		
Toluene	800	160	µg/l	< 0.44	< 0.50	< 0.50		
Ethylbenzene	700	140	µg/l	< 0.50	< 0.50	< 0.50		
Xylenes (mixed isomers)	2,000	400	µg/l	< 1.32	< 1.5	< 1.50		
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.49	< 0.17	< 0.17		
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.0	< 1.0	< 1.0		
Inorganics								
Manganese - Dissolved	50	25	µg/l	NA	NA	NA		
Iron - Dissolved	300	150	µg/l	NA	NA	NA		
Chloride	250	125	mg/l	NA	NA	NA		
Nitrogen	10	2	mg/l	NA	NA	NA		
Sulfate	250	125	mg/l	NA	NA	NA		
Total Organic Carbon			mg/l	NA	NA	NA		
Total Inorganic Carbon			mg/l	NA	NA	NA		
Field Parameters								
Temperature			°F	NA	51.27	52.52		
Conductivity			uS/cm	NA	597	491		
Dissolved Oxygen			mg/l	NA	0.17	1.87		
pH				NA	4.87	7.44		
Oxygen Reduction Potential			mV	NA	188.3	-2.7		

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2r
Summary of Groundwater Analytical Results
PZ7
Former Minocqua Cleaners

				Date ->	11/05/13	05/20/14	08/28/14	4/6/2021
				Sampled By ->	REI Engineering, Inc.			
VOC Parameters	ES	PAL	Units					
Tetrachloroethene	5	0.5	µg/l	0.82*	< 0.50	0.61*	< 0.41	
Trichloroethene	5	0.5	µg/l	< 0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 0.42	< 0.26	< 0.26	< 0.47	
1,1-Dichloropropylene			µg/l	< 0.44	< 0.44	< 0.44	< 0.41	
Vinyl Chloride	0.2	0.02	µg/l	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 1.32	< 1.50	< 1.50	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.0	< 1.0	< 1.0	< 0.45	
Inorganics								
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	
Chloride	250	125	mg/l	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	NA	NA	NA	NA	
Sulfate	250	125	mg/l	NA	NA	NA	NA	
Total Organic Carbon			mg/l	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	
Field Parameters								
Temperature			°F	NA	48.16	51.08	50.1	
Conductivity			uS/cm	NA	295	513	553	
Dissolved Oxygen			mg/l	NA	0.39	1.91	5.42	
pH				NA	6.18	6.96	6.84	
Oxygen Reduction Potential			mV	NA	112.7	-4	171.6	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2s
Summary of Groundwater Analytical Results
PZ8
Former Minocqua Cleaners

				Date ->	11/05/13	05/20/14	08/28/14	4/6/2021
Sampled By ->				REI Engineering, Inc.				
VOC Parameters	ES	PAL	Units					
Tetrachloroethene	5	0.5	µg/l	0.58*	<0.50	<0.50	<0.41	
Trichloroethene	5	0.5	µg/l	0.47*	0.38*	0.57*	<0.32	
cis-1,2-Dichloroethene	70	7	µg/l	<.42	<0.26	<0.26	<0.47	
1,1-Dichloropropylene			µg/l	<0.44	<0.44	<0.44	<0.41	
Vinyl Chloride	0.2	0.02	µg/l	<0.18	<0.18	<0.18	<0.17	
Benzene	5	0.5	µg/l	<0.50	<0.50	<0.50	<0.30	
Toluene	800	160	µg/l	<0.44	<0.50	<0.50	<0.29	
Ethylbenzene	700	140	µg/l	<0.50	<0.50	<0.50	<0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	<1.32	<1.50	<1.50	<0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	<0.49	<0.17	<0.17	<1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	<1.0	<1.0	<1.0	<0.45	
Inorganics								
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	
Chloride	250	125	mg/l	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	NA	NA	NA	NA	
Sulfate	250	125	mg/l	NA	NA	NA	NA	
Total Organic Carbon			mg/l	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	
Field Parameters								
Temperature			°F	NA	49.8	52.03	50.7	
Conductivity			uS/cm	NA	536	367	489	
Dissolved Oxygen			mg/l	NA	0.22	1.27	7.7	
pH				NA	7.27	7.11	6.97	
Oxygen Reduction Potential			mV	NA	88.8	-16.1	110	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 2t
Summary of Groundwater Analytical Results
PZ9
Former Minocqua Cleaners

				Date ->	11/05/13	05/20/14	08/28/14	4/6/2021
				Sampled By ->	REI Engineering, Inc.			
VOC Parameters	ES	PAL	Units					
Tetrachloroethene	5	0.5	µg/l	<0.47	< 0.50	< 0.50	< 0.58*	
Trichloroethene	5	0.5	µg/l	<0.36	< 0.33	< 0.33	< 0.32	
cis-1,2-Dichloroethene	70	7	µg/l	< 0.42	< 0.26	< 0.26	< 0.47	
1,1-Dichloropropylene			µg/l	< 0.44	< 0.44	< 0.44	< 0.41	
Vinyl Chloride	0.2	0.02	µg/l	< 0.18	< 0.18	< 0.18	< 0.17	
Benzene	5	0.5	µg/l	< 0.50	< 0.50	< 0.50	< 0.30	
Toluene	800	160	µg/l	< 0.44	< 0.50	< 0.50	< 0.29	
Ethylbenzene	700	140	µg/l	< 0.50	< 0.50	< 0.50	< 0.33	
Xylenes (mixed isomers)	2,000	400	µg/l	< 1.32	< 1.50	< 1.50	< 0.70	
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.49	< 0.17	< 0.17	< 1.1	
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.0	< 1.0	< 1.0	< 0.45	
Inorganics								
Manganese - Dissolved	50	25	µg/l	NA	NA	NA	NA	
Iron - Dissolved	300	150	µg/l	NA	NA	NA	NA	
Chloride	250	125	mg/l	NA	NA	NA	NA	
Nitrogen	10	2	mg/l	NA	NA	NA	NA	
Sulfate	250	125	mg/l	NA	NA	NA	NA	
Total Organic Carbon			mg/l	NA	NA	NA	NA	
Total Inorganic Carbon			mg/l	NA	NA	NA	NA	
Field Parameters								
Temperature			°F	NA	50.75	53.65	51	
Conductivity			uS/cm	NA	787	754	708	
Dissolved Oxygen			mg/l	NA	0.69	1.03	5.14	
pH				NA	6.09	7.27	7.29	
Oxygen Reduction Potential			mV	NA	211.4	-98.6	132.1	

Notes:

ES = NR140.10 Enforcement Standards

PAL = NR140.10 Preventive Action Limits

Enforcement Standard exceeded

BOLD

Preventive Action Limit exceeded

Italics

NA = Not Analyzed

* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Table 3
Summary of Vapor Analytical Results
Former Minocqua Cleaners
8576 Highway 51 North
Tomah, WI 54460
BRRTS# 02-44-000113

TO-15 VOC's ($\mu\text{g}/\text{m}^3$)	CAS Number	Carcinogen	Sample Address-->			8576 Highway 51 North		
			Sample Location-->			VP-1	VP-2	Sewer
			Collected By-->			REI Engineering, Inc.		
			Sample Date-->			4/2/2021		
			Exposure Scenario-->			Small Commercial		
			Sub-Slab VRSL					
Acetone	67-64-1	n	1,070,000	4,500,000	13,500,000	230	174	11.7
Benzene	71-43-2	c	120	524	1,570	2.7	2.8	1.5
Benzyl chloride	100-44-7	c	19.1	83.4	250	<1.4	<1.3	<1.3
Bromodichloromethane	75-27-4	c	25.3	110	331	<0.36	<0.33	0.38 ^j
Bromoform	75-25-2	c	851	3,720	11,100	<2.5	<2.3	<2.3
Bromomethane	74-83-9	n	174	730	2,190	<0.23	<0.21	<0.22
1,3-Butadiene	106-99-0	c	31.2	136	409	<0.18	<0.17	<0.17
2-Butanone (MEK)	78-93-3	n	174,000	730,000	2,190,000	15.2	9.8	3.4 ^j
Carbon disulfide	75-15-0	c	24,300	102,000	307,000	<0.20	3.4	<0.19
Carbon tetrachloride	56-23-5	c	156	681	2,040	<0.43	<0.39	<0.40
Chlorobenzene	108-90-7	c	1,740	7,300	21,900	<0.24	<0.22	<0.22
Chloroethane	75-00-3	--	--	--	--	<0.34	<0.32	<0.32
Chloroform	67-66-3	c	40.7	178	533	<0.28	<0.26	3.9
Chloromethane	74-87-3	n	3,130	13,100	39,400	<0.13	<0.12	0.40 ^j
Chlorohexane	544-10-5	--	--	--	--	<0.34	<0.31	<0.32
Dibromochloromethane	124-48-1	--	--	--	--	<0.78	<0.73	<0.74
1,2-Dibromoethane (EDB)	106-93-4	c	1.56	6.81	20	<0.46	<0.42	<0.43
1,2-Dichlorobenzene	95-50-1	n	6,950	29,200	87,600	<0.62	<0.57	<0.58
1,3-Dichlorobenzene	541-73-1	--	--	--	--	<0.77	1.2 ^j	<0.73
1,4-Dichlorobenzene	106-46-7	c	85	372	1,110	<1.3	<1.2	<1.3
Dichlorodifluoromethane	75-71-8	n	3,480	14,600	43,800	252	138	2.2
1,1-Dichloroethane	75-34-3	c	585	2,560	7,670	<0.25	<0.23	<0.24
1,2-Dichloroethane	107-06-2	c	36	157	472	<0.29	<0.27	<0.28
1,1-Dichloroethene	75-35-4	n	6,950	29,200	87,600	<0.21	<0.19	<0.20
cis-1,2-Dichloroethene	156-59-2	--	--	--	--	<0.30	<0.27	<0.28
trans-1,2-Dichloroethene	156-60-5	c	--	--	--	<0.26	0.24 ^j	<0.24
1,2-Dichloropropane	78-87-5	n	139	584	1,750	<0.41	<0.38	<0.39
cis-1,3-Dichloropropene	10061-01-5	--	--	--	--	<0.39	<0.36	<0.37
trans-1,3-Dichloropropene	10061-02-6	--	--	--	--	<0.83	<0.77	<0.78
Dichlorotetrafluoroethane (1,2-)	76-14-2	--	--	--	--	<0.31	<0.28	<0.29
Ethanol	64-17-5	--	--	--	--	208	145	10.3
Ethyl acetate	141-78-6	n	2,430	10,200	30,700	<0.20	<0.18	<0.19
Ethylbenzene	100-41-4	c	374	1,640	4,910	12.0	7.9	4.7
4-Ethyltoluene	622-96-8	--	--	--	--	8.2	5.9	3.7
n-Heptane	142-82-5	n	13,900	58,400	175,000	7.0	4.6	6.8
Hexachloro-1,3-butadiene	87-68-3	c	42.5	186	557	<1.9	<1.7	<1.8
n-Hexane	110-54-3	n	24,300	102,000	307,000	2.9	5.2	1.1
2-Hexanone	591-78-6	n	1,040	4,380	13,100	<0.67	<0.62	<0.64
Methylene Chloride	75-09-2	n	3,600	15,700	47,200	<0.90	<0.84	<0.85
4-Methyl-2-pentanone (MIBK)	108-11-2	n	104,000	438,000	1,310,000	3.4 ^j	1.9 ^j	<0.46
Methyl-tert-butyl ether (MTBE)	1634-04-4	c	20,900	87,600	263,000	<0.19	<0.18	<0.18
Naphthalene	91-20-3	n	27.5	120	361	5.0	3.9	3.2 ^j
2-Propanol (Isopropanol)	67-63-0	n	6,950	29,200	87,600	23.2	25.1	2.0 ^j
Propylene	115-07-1	n	104,000	438,000	1,310,000	<0.20	1.5	<0.19
Styrene	100-42-5	n	34,800	146,000	438,000	1.7	3.4	2.3
1,1,1-Tetrachloroethane	630-20-6	c	126	552	1,660	<0.57	<0.52	<0.54
Tetrachloroethene (PCE)	127-18-4	n	1,390	5,840	17,500	2,640	603	44.0
Tetrahydrofuran	109-99-9	n	69,500	292,000	876,000	<0.27	4.6	<0.26
Toluene	108-88-3	n	174,000	730,000	2,190,000	29.8	23.8	12.9
1,2,4-Trichlorobenzene	120-82-1	n	69.5	292	876	<7.4	<6.9	<7.0
1,1,1-Trichloroethane	71-55-6	n	174,000	730,000	2,190,000	0.67 ^j	<0.26	<0.27
1,1,2-Trichloroethane	79-00-5	n	6.95	29.2	87.6	<0.30	<0.28	<0.28
Trichloroethene (TCE)	79-01-6	--	69.5	292	876	0.41 ^j	0.42 ^j	<0.28
Trichlorofluoromethane	75-69-4	n	--	--	--	2.3	1.5 ^j	2.1
Trichlorotrifluoroethane (1,1,2-)	76-13-1	n	174,000	730,000	2,190,000	0.87 ^j	0.50 ^j	0.55 ^j
1,2,4-Trimethylbenzene (TMB)	95-63-6	n	2,090	8,760	26,300	24.5	17.8	10.8
1,3,5-Trimethylbenzene (TMB)	108-67-8	c	2,090	8,760	26,300	7.0	5.3	3.0
Vinyl acetate	108-05-4	n	6,950	29,200	87,600	<0.32	<0.29	<0.30
Vinyl chloride	75-01-4	n	55.9	929	2,790	<0.13	<0.12	<0.12
Xylene, m,p-	1330-20-7	n	3,480	14,600	43,800	50.0	32.9	20.8
Xylene, o-						20.5	13.9	8.5

Notes:
Indoor Air Standards based on US EPA Vapor Intrusion Screening Levels online calculator.

VRSL Calculated on Date: 6/14/2019

AF = Attenuation Factor

VAL = Vapor Action Level

VRSL = Vapor Risk Screening Level

< = Concentration Below Laboratory Detection Limit

- = Not Sampled/Collected

-- = No Standard/Not Applicable

^j = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)

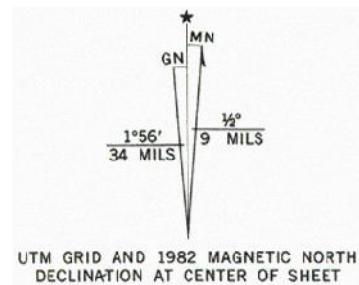
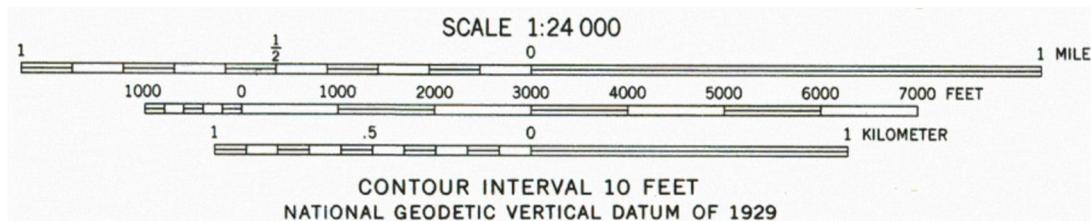
c = carcinogen

n = non-carcinogen

Target Risk for Carcinogens = 1.00E-05

Target Hazard Quotient for Non-Carcinogens = 1

<i>Italics</i>	= Exceeds US EPA Residential VRSL
Bold	= Exceeds US EPA Small Commercial VRSL
<u>Underlined</u>	= Exceeds US EPA Large Commercial/Industrial VRSL

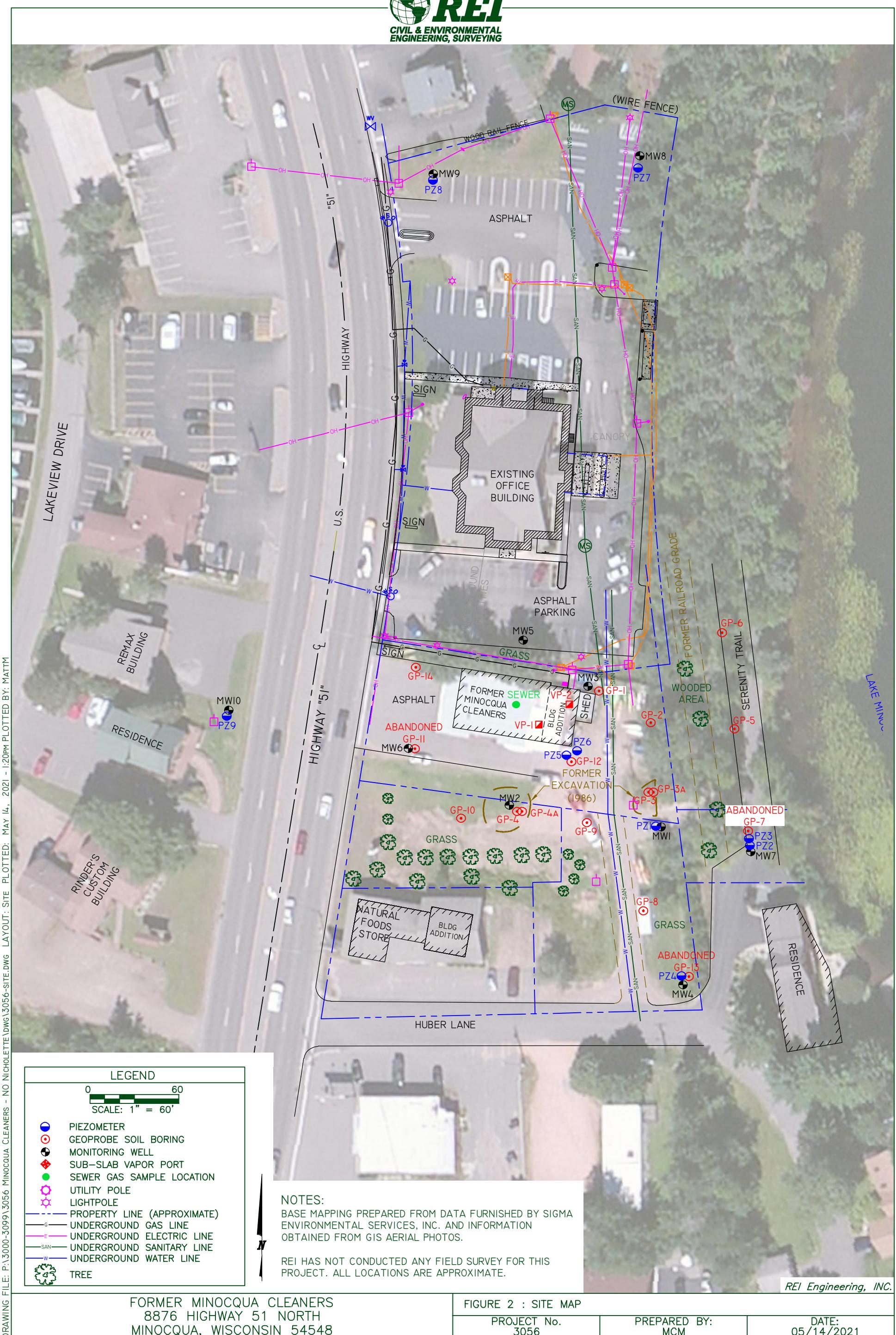


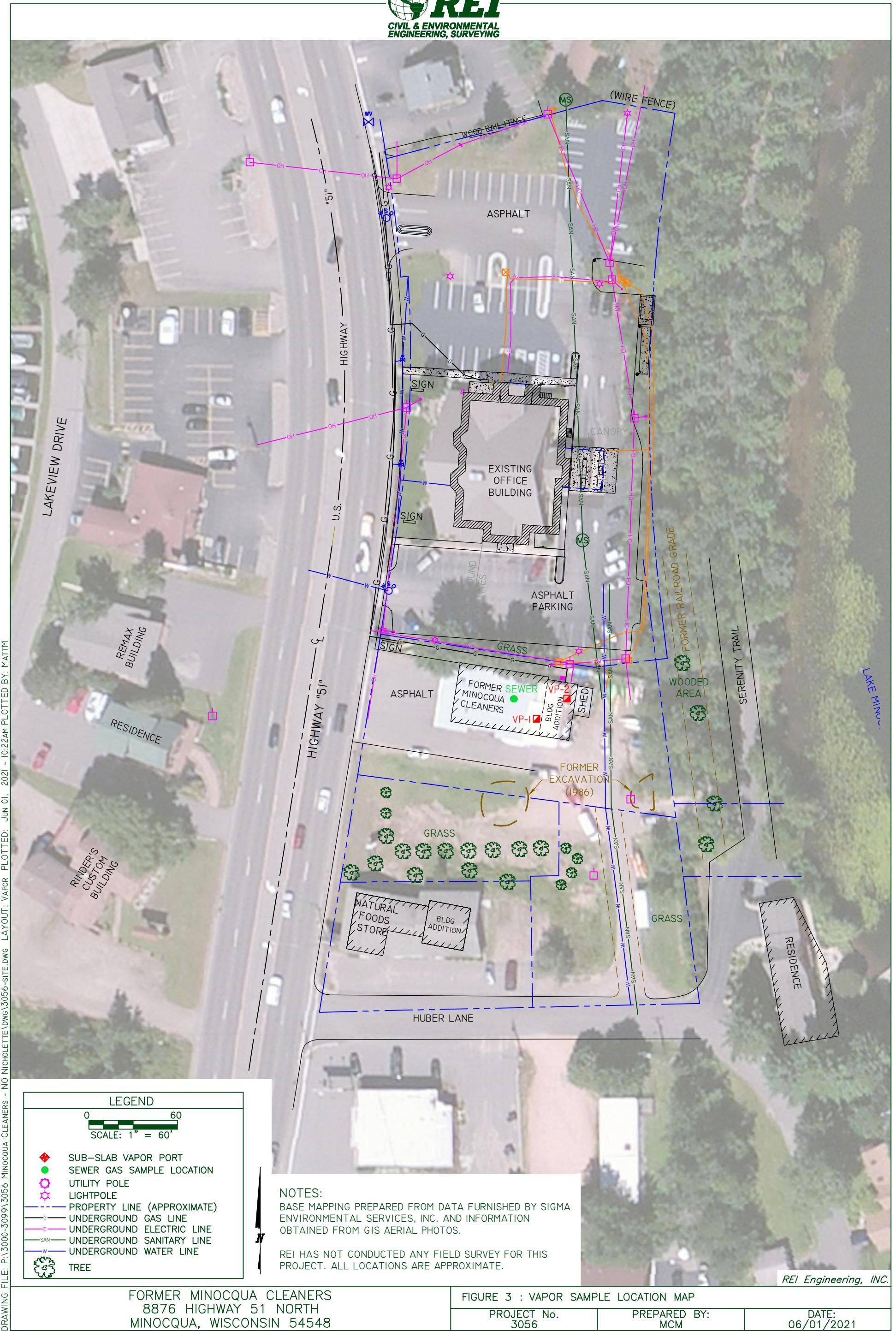
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NW/4 MINOCQUA 15' QUADRANGLE
N4552.5-W8937.5/7.5

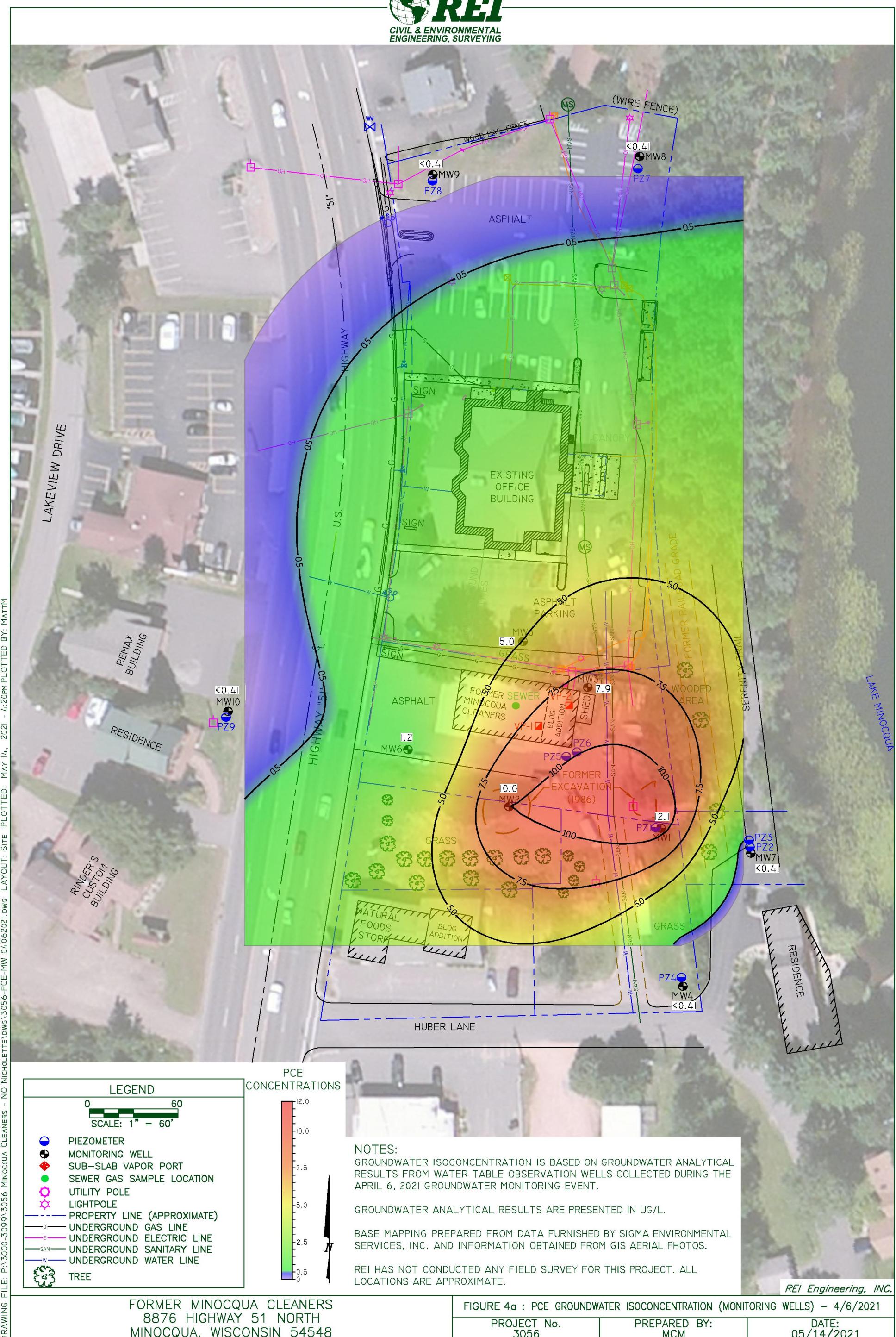
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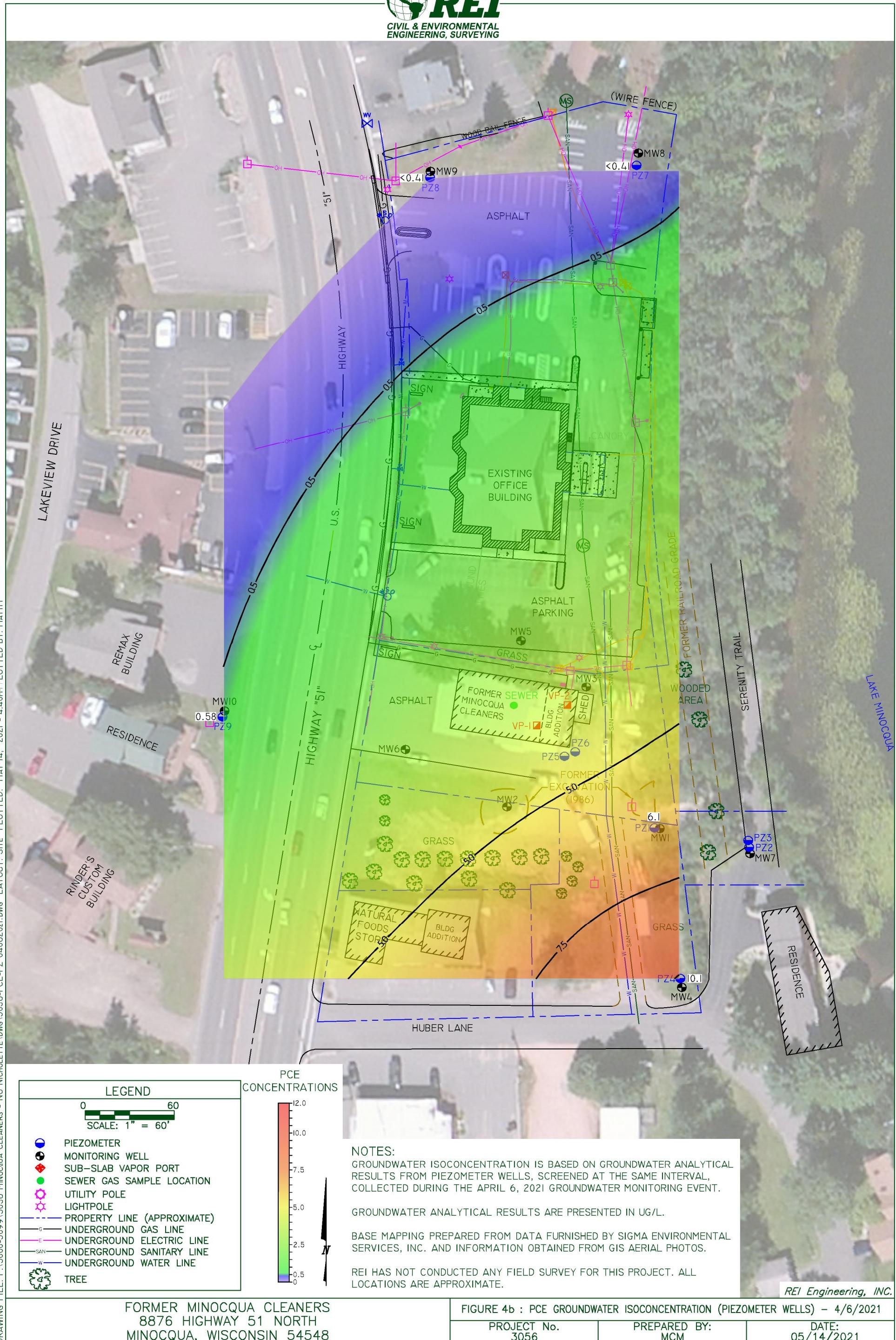
REI Engineering, Inc.

FORMER MINOCQUA CLEANERS 8567 HIGHWAY "51" MINOCQUA, WISCONSIN	FIGURE 1 : SITE VICINITY MAP		
	PROJECT NO.	DRAWN BY:	DATE:
	3056	TAW	1/14/2008









APPENDIX A

COPY OF GROUNDWATER LABORATORY REPORT



April 20, 2021

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Dear DAVID LARSEN:

Enclosed are the analytical results for sample(s) received by the laboratory on April 09, 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,



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

Enclosures

cc: Kaylin Felix, REI



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

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: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40224788001	MW1	Water	04/06/21 12:50	04/09/21 09:00
40224788002	MW2	Water	04/06/21 14:00	04/09/21 09:00
40224788003	MW3	Water	04/06/21 14:30	04/09/21 09:00
40224788004	MW4	Water	04/06/21 11:50	04/09/21 09:00
40224788005	MW5	Water	04/06/21 15:30	04/09/21 09:00
40224788006	MW6	Water	04/06/21 15:00	04/09/21 09:00
40224788007	MW7	Water	04/06/21 10:55	04/09/21 09:00
40224788008	MW8	Water	04/06/21 09:30	04/09/21 09:00
40224788009	MW9	Water	04/06/21 08:34	04/09/21 09:00
40224788010	MW10	Water	04/06/21 10:10	04/09/21 09:00
40224788011	PZ1	Water	04/06/21 12:15	04/09/21 09:00
40224788012	PZ2	Water	04/06/21 11:05	04/09/21 09:00
40224788013	PZ4	Water	04/06/21 11:35	04/09/21 09:00
40224788014	PZ5	Water	04/06/21 13:25	04/09/21 09:00
40224788015	PZ7	Water	04/06/21 09:45	04/09/21 09:00
40224788016	PZ8	Water	04/06/21 09:15	04/09/21 09:00
40224788017	PZ9	Water	04/06/21 10:20	04/09/21 09:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40224788001	MW1	EPA 8260	LAP	64
40224788002	MW2	EPA 8260	LAP	64
40224788003	MW3	EPA 8260	LAP	64
40224788004	MW4	EPA 8260	LAP	64
40224788005	MW5	EPA 8260	LAP	64
40224788006	MW6	EPA 8260	LAP	64
40224788007	MW7	EPA 8260	LAP	64
40224788008	MW8	EPA 8260	LAP	64
40224788009	MW9	EPA 8260	LAP	64
40224788010	MW10	EPA 8260	LAP	64
40224788011	PZ1	EPA 8260	LAP	64
40224788012	PZ2	EPA 8260	HNW	64
40224788013	PZ4	EPA 8260	HNW	64
40224788014	PZ5	EPA 8260	HNW	64
40224788015	PZ7	EPA 8260	HNW	64
40224788016	PZ8	EPA 8260	HNW	64
40224788017	PZ9	EPA 8260	HNW	64

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW1	Lab ID: 40224788001	Collected: 04/06/21 12:50	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 07:31	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 07:31	108-86-1	
Bromoform	<3.8	ug/L	5.0	0.36	1		04/15/21 07:31	74-97-5	
Bromochloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 07:31	75-27-4	
Bromodichloromethane	<0.42	ug/L	5.0	3.8	1		04/15/21 07:31	75-25-2	
Bromoform	<1.2	ug/L	5.0	1.2	1		04/15/21 07:31	74-83-9	
Bromomethane	<0.86	ug/L	1.0	0.86	1		04/15/21 07:31	104-51-8	
n-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 07:31	135-98-8	
sec-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 07:31	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 07:31	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 07:31	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 07:31	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 07:31	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 07:31	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 07:31	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 07:31	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 07:31	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 07:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 07:31	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 07:31	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 07:31	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 07:31	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 07:31	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 07:31	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 07:31	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 07:31	107-06-2	M1
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 07:31	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 07:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 07:31	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 07:31	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 07:31	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 07:31	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 07:31	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 07:31	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 07:31	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 07:31	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 07:31	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 07:31	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 07:31	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 07:31	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 07:31	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 07:31	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 07:31	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 07:31	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 07:31	100-42-5	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW1	Lab ID: 40224788001	Collected: 04/06/21 12:50	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 07:31	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 07:31	79-34-5	
Tetrachloroethene	12.1	ug/L	1.0	0.41	1		04/15/21 07:31	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 07:31	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 07:31	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 07:31	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 07:31	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 07:31	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 07:31	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 07:31	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 07:31	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 07:31	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 07:31	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 07:31	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 07:31	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 07:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/15/21 07:31	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/15/21 07:31	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		04/15/21 07:31	2037-26-5	

Sample: MW2	Lab ID: 40224788002	Collected: 04/06/21 14:00	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 07:55	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 07:55	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 07:55	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 07:55	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 07:55	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 07:55	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 07:55	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 07:55	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 07:55	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 07:55	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 07:55	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 07:55	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 07:55	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 07:55	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 07:55	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 07:55	106-43-4	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW2 **Lab ID: 40224788002** Collected: 04/06/21 14:00 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 07:55	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 07:55	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 07:55	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 07:55	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 07:55	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 07:55	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 07:55	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 07:55	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 07:55	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 07:55	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 07:55	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 07:55	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 07:55	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 07:55	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 07:55	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 07:55	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 07:55	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 07:55	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 07:55	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 07:55	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 07:55	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 07:55	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 07:55	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 07:55	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 07:55	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 07:55	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 07:55	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 07:55	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 07:55	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 07:55	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 07:55	79-34-5	
Tetrachloroethene	10.0	ug/L	1.0	0.41	1		04/15/21 07:55	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 07:55	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 07:55	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 07:55	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 07:55	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 07:55	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 07:55	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 07:55	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 07:55	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 07:55	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 07:55	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 07:55	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 07:55	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 07:55	95-47-6	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Sample: MW2	Lab ID: 40224788002	Collected: 04/06/21 14:00	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		04/15/21 07:55	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/15/21 07:55	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		04/15/21 07:55	2037-26-5	
Sample: MW3	Lab ID: 40224788003	Collected: 04/06/21 14:30	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 08:19	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 08:19	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 08:19	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 08:19	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 08:19	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 08:19	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 08:19	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 08:19	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 08:19	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 08:19	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 08:19	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 08:19	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 08:19	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 08:19	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 08:19	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 08:19	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 08:19	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 08:19	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 08:19	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 08:19	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 08:19	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 08:19	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 08:19	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 08:19	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 08:19	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 08:19	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 08:19	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 08:19	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 08:19	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 08:19	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 08:19	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 08:19	594-20-7	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW3	Lab ID: 40224788003	Collected: 04/06/21 14:30	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 08:19	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 08:19	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 08:19	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 08:19	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 08:19	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 08:19	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 08:19	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 08:19	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 08:19	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 08:19	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 08:19	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 08:19	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 08:19	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 08:19	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 08:19	79-34-5	
Tetrachloroethene	7.9	ug/L	1.0	0.41	1		04/15/21 08:19	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 08:19	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 08:19	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 08:19	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 08:19	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 08:19	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 08:19	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 08:19	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 08:19	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 08:19	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 08:19	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 08:19	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 08:19	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 08:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		04/15/21 08:19	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/15/21 08:19	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		04/15/21 08:19	2037-26-5	

Sample: MW4	Lab ID: 40224788004	Collected: 04/06/21 11:50	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 08:43	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 08:43	108-86-1	
Bromo-chloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 08:43	74-97-5	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Sample: MW4	Lab ID: 40224788004	Collected: 04/06/21 11:50	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 08:43	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 08:43	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 08:43	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 08:43	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 08:43	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 08:43	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 08:43	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 08:43	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 08:43	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 08:43	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 08:43	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 08:43	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 08:43	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 08:43	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 08:43	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 08:43	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 08:43	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 08:43	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 08:43	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 08:43	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 08:43	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 08:43	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 08:43	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 08:43	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 08:43	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 08:43	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 08:43	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 08:43	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 08:43	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 08:43	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 08:43	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 08:43	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 08:43	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 08:43	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 08:43	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 08:43	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 08:43	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 08:43	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 08:43	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 08:43	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 08:43	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 08:43	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 08:43	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 08:43	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/15/21 08:43	127-18-4	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Sample: MW4	Lab ID: 40224788004	Collected: 04/06/21 11:50	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 08:43	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 08:43	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 08:43	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 08:43	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 08:43	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 08:43	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 08:43	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 08:43	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 08:43	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 08:43	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 08:43	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 08:43	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 08:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/15/21 08:43	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		04/15/21 08:43	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		04/15/21 08:43	2037-26-5	
<hr/>									
Sample: MW5	Lab ID: 40224788005	Collected: 04/06/21 15:30	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 09:06	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 09:06	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 09:06	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 09:06	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 09:06	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 09:06	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 09:06	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 09:06	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 09:06	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 09:06	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 09:06	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 09:06	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 09:06	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 09:06	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 09:06	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 09:06	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 09:06	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 09:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 09:06	106-93-4	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW5	Lab ID: 40224788005	Collected: 04/06/21 15:30	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 09:06	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 09:06	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 09:06	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 09:06	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 09:06	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 09:06	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 09:06	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 09:06	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 09:06	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 09:06	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 09:06	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 09:06	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 09:06	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 09:06	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 09:06	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 09:06	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 09:06	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 09:06	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 09:06	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 09:06	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 09:06	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 09:06	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 09:06	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 09:06	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 09:06	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 09:06	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 09:06	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 09:06	79-34-5	
Tetrachloroethene	5.0	ug/L	1.0	0.41	1		04/15/21 09:06	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 09:06	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 09:06	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 09:06	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 09:06	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 09:06	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 09:06	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 09:06	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 09:06	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 09:06	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 09:06	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 09:06	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 09:06	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 09:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/15/21 09:06	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		04/15/21 09:06	1868-53-7	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Sample: MW5	Lab ID: 40224788005	Collected: 04/06/21 15:30	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		04/15/21 09:06	2037-26-5	
Sample: MW6	Lab ID: 40224788006	Collected: 04/06/21 15:00	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/20/21 12:52	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 12:52	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/20/21 12:52	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 12:52	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/20/21 12:52	75-25-2	L1
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/20/21 12:52	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 12:52	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/20/21 12:52	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/20/21 12:52	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/20/21 12:52	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 12:52	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/20/21 12:52	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/20/21 12:52	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/20/21 12:52	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 12:52	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 12:52	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/20/21 12:52	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/20/21 12:52	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/20/21 12:52	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/20/21 12:52	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 12:52	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 12:52	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/20/21 12:52	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/20/21 12:52	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 12:52	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/20/21 12:52	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/20/21 12:52	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/20/21 12:52	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/20/21 12:52	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/20/21 12:52	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/20/21 12:52	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/20/21 12:52	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/20/21 12:52	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/20/21 12:52	10061-01-5	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW6	Lab ID: 40224788006	Collected: 04/06/21 15:00	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/20/21 12:52	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 12:52	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 12:52	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/20/21 12:52	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/20/21 12:52	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/20/21 12:52	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/20/21 12:52	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 12:52	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/20/21 12:52	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 12:52	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/20/21 12:52	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/20/21 12:52	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/20/21 12:52	79-34-5	
Tetrachloroethene	1.2	ug/L	1.0	0.41	1		04/20/21 12:52	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/20/21 12:52	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/20/21 12:52	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/20/21 12:52	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 12:52	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/20/21 12:52	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/20/21 12:52	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 12:52	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/20/21 12:52	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/20/21 12:52	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 12:52	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/20/21 12:52	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/20/21 12:52	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/20/21 12:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		04/20/21 12:52	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		04/20/21 12:52	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		04/20/21 12:52	2037-26-5	

Sample: MW7	Lab ID: 40224788007	Collected: 04/06/21 10:55	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/20/21 13:16	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 13:16	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/20/21 13:16	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 13:16	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/20/21 13:16	75-25-2	L1

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW7 **Lab ID: 40224788007** Collected: 04/06/21 10:55 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/20/21 13:16	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 13:16	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/20/21 13:16	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/20/21 13:16	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/20/21 13:16	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 13:16	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/20/21 13:16	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/20/21 13:16	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/20/21 13:16	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 13:16	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 13:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/20/21 13:16	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/20/21 13:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/20/21 13:16	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/20/21 13:16	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 13:16	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 13:16	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/20/21 13:16	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/20/21 13:16	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 13:16	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/20/21 13:16	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/20/21 13:16	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/20/21 13:16	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/20/21 13:16	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/20/21 13:16	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/20/21 13:16	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/20/21 13:16	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/20/21 13:16	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/20/21 13:16	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/20/21 13:16	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 13:16	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 13:16	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/20/21 13:16	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/20/21 13:16	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/20/21 13:16	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/20/21 13:16	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 13:16	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/20/21 13:16	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 13:16	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/20/21 13:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/20/21 13:16	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/20/21 13:16	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/20/21 13:16	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/20/21 13:16	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/20/21 13:16	87-61-6	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW7	Lab ID: 40224788007	Collected: 04/06/21 10:55	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/20/21 13:16	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 13:16	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/20/21 13:16	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/20/21 13:16	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 13:16	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/20/21 13:16	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/20/21 13:16	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 13:16	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/20/21 13:16	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/20/21 13:16	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/20/21 13:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/20/21 13:16	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		04/20/21 13:16	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		04/20/21 13:16	2037-26-5	

Sample: MW8	Lab ID: 40224788008	Collected: 04/06/21 09:30	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 10:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 10:18	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 10:18	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 10:18	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 10:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 10:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 10:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 10:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 10:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 10:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 10:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 10:18	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 10:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 10:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 10:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 10:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 10:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 10:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 10:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 10:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 10:18	95-50-1	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Sample: MW8	Lab ID: 40224788008	Collected: 04/06/21 09:30	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 10:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 10:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 10:18	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 10:18	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 10:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 10:18	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 10:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 10:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 10:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 10:18	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 10:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 10:18	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 10:18	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 10:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 10:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 10:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 10:18	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 10:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 10:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 10:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 10:18	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 10:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 10:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 10:18	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 10:18	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 10:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/15/21 10:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 10:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 10:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 10:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 10:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 10:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 10:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 10:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 10:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 10:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 10:18	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 10:18	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 10:18	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 10:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/15/21 10:18	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		04/15/21 10:18	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/15/21 10:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW9 **Lab ID: 40224788009** Collected: 04/06/21 08:34 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 10:41	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 10:41	108-86-1	
Bromoform	<3.8	ug/L	5.0	0.36	1		04/15/21 10:41	74-97-5	
Bromochloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 10:41	75-27-4	
Bromodichloromethane	<0.42	ug/L	5.0	3.8	1		04/15/21 10:41	75-25-2	
Bromoform	<1.2	ug/L	5.0	1.2	1		04/15/21 10:41	74-83-9	
Bromomethane	<0.86	ug/L	1.0	0.86	1		04/15/21 10:41	104-51-8	
n-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 10:41	135-98-8	
sec-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 10:41	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 10:41	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 10:41	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 10:41	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 10:41	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 10:41	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 10:41	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 10:41	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 10:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 10:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 10:41	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 10:41	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 10:41	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 10:41	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 10:41	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 10:41	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 10:41	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 10:41	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 10:41	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 10:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 10:41	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 10:41	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 10:41	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 10:41	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 10:41	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 10:41	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 10:41	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 10:41	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 10:41	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 10:41	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 10:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 10:41	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 10:41	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 10:41	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 10:41	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 10:41	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 10:41	100-42-5	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW9	Lab ID: 40224788009	Collected: 04/06/21 08:34	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 10:41	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 10:41	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/15/21 10:41	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 10:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 10:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 10:41	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 10:41	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 10:41	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 10:41	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 10:41	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 10:41	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 10:41	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 10:41	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 10:41	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 10:41	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 10:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/15/21 10:41	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		04/15/21 10:41	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		04/15/21 10:41	2037-26-5	

Sample: MW10	Lab ID: 40224788010	Collected: 04/06/21 10:10	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 11:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 11:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 11:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 11:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 11:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 11:05	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 11:05	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 11:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 11:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 11:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 11:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 11:05	75-00-3	
Chloroform	1.3J	ug/L	5.0	1.2	1		04/15/21 11:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 11:05	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 11:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 11:05	106-43-4	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: MW10 **Lab ID: 40224788010** Collected: 04/06/21 10:10 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 11:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 11:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 11:05	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 11:05	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 11:05	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 11:05	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 11:05	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 11:05	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 11:05	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 11:05	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 11:05	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 11:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 11:05	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 11:05	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 11:05	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 11:05	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 11:05	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 11:05	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 11:05	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 11:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 11:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 11:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 11:05	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 11:05	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 11:05	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 11:05	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 11:05	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 11:05	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 11:05	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 11:05	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 11:05	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/15/21 11:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 11:05	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 11:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 11:05	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 11:05	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 11:05	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 11:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 11:05	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 11:05	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 11:05	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 11:05	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 11:05	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 11:05	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 11:05	95-47-6	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Sample: MW10	Lab ID: 40224788010	Collected: 04/06/21 10:10	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		04/15/21 11:05	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		04/15/21 11:05	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		04/15/21 11:05	2037-26-5	
Sample: PZ1	Lab ID: 40224788011	Collected: 04/06/21 12:15	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 11:29	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 11:29	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 11:29	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 11:29	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 11:29	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 11:29	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 11:29	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 11:29	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 11:29	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 11:29	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 11:29	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 11:29	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 11:29	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 11:29	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 11:29	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 11:29	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 11:29	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 11:29	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 11:29	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 11:29	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 11:29	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 11:29	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 11:29	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 11:29	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 11:29	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 11:29	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 11:29	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 11:29	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 11:29	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 11:29	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 11:29	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 11:29	594-20-7	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: PZ1 Lab ID: **40224788011** Collected: 04/06/21 12:15 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 11:29	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 11:29	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 11:29	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 11:29	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 11:29	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 11:29	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 11:29	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 11:29	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 11:29	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 11:29	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 11:29	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 11:29	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 11:29	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 11:29	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 11:29	79-34-5	
Tetrachloroethene	6.1	ug/L	1.0	0.41	1		04/15/21 11:29	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 11:29	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 11:29	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 11:29	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 11:29	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 11:29	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 11:29	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 11:29	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 11:29	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 11:29	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 11:29	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 11:29	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 11:29	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 11:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/15/21 11:29	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		04/15/21 11:29	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		04/15/21 11:29	2037-26-5	

Sample: PZ2 Lab ID: **40224788012** Collected: 04/06/21 11:05 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 22:19	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 22:19	108-86-1	
Bromo-chloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 22:19	74-97-5	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Sample: PZ2	Lab ID: 40224788012	Collected: 04/06/21 11:05	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 22:19	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 22:19	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 22:19	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 22:19	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 22:19	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 22:19	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 22:19	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 22:19	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 22:19	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 22:19	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 22:19	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 22:19	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 22:19	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 22:19	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 22:19	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 22:19	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 22:19	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 22:19	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 22:19	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 22:19	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 22:19	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 22:19	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 22:19	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 22:19	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 22:19	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 22:19	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 22:19	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 22:19	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 22:19	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 22:19	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 22:19	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 22:19	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 22:19	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 22:19	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 22:19	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 22:19	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 22:19	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 22:19	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 22:19	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 22:19	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 22:19	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 22:19	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 22:19	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 22:19	79-34-5	
Tetrachloroethene	9.6	ug/L	1.0	0.41	1		04/15/21 22:19	127-18-4	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: PZ2	Lab ID: 40224788012	Collected: 04/06/21 11:05	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 22:19	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 22:19	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 22:19	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 22:19	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 22:19	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 22:19	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 22:19	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 22:19	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 22:19	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 22:19	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 22:19	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 22:19	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 22:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/15/21 22:19	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		04/15/21 22:19	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/15/21 22:19	2037-26-5	

Sample: PZ4	Lab ID: 40224788013	Collected: 04/06/21 11:35	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 22:42	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 22:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 22:42	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 22:42	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 22:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 22:42	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 22:42	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 22:42	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 22:42	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 22:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 22:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 22:42	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 22:42	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 22:42	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 22:42	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 22:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 22:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 22:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 22:42	106-93-4	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Sample: PZ4	Lab ID: 40224788013	Collected: 04/06/21 11:35	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 22:42	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 22:42	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 22:42	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 22:42	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 22:42	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 22:42	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 22:42	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 22:42	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 22:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 22:42	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 22:42	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 22:42	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 22:42	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 22:42	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 22:42	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 22:42	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 22:42	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 22:42	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 22:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 22:42	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 22:42	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 22:42	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 22:42	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 22:42	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 22:42	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 22:42	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 22:42	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 22:42	79-34-5	
Tetrachloroethene	10.1	ug/L	1.0	0.41	1		04/15/21 22:42	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 22:42	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 22:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 22:42	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 22:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 22:42	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 22:42	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 22:42	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 22:42	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 22:42	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 22:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 22:42	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 22:42	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 22:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/15/21 22:42	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/15/21 22:42	1868-53-7	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: PZ4 Lab ID: **40224788013** Collected: 04/06/21 11:35 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Toluene-d8 (S)	98	%	70-130		1		04/15/21 22:42	2037-26-5	

Sample: PZ5 Lab ID: **40224788014** Collected: 04/06/21 13:25 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 23:04	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:04	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 23:04	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 23:04	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 23:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 23:04	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 23:04	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 23:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 23:04	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 23:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 23:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 23:04	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 23:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 23:04	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 23:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 23:04	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 23:04	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 23:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 23:04	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 23:04	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 23:04	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 23:04	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 23:04	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 23:04	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 23:04	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 23:04	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 23:04	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 23:04	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 23:04	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 23:04	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 23:04	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 23:04	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 23:04	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:04	10061-01-5	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: PZ5 Lab ID: **40224788014** Collected: 04/06/21 13:25 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 23:04	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 23:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 23:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 23:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 23:04	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 23:04	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 23:04	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 23:04	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 23:04	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 23:04	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:04	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 23:04	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 23:04	79-34-5	
Tetrachloroethene	1.8	ug/L	1.0	0.41	1		04/15/21 23:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 23:04	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 23:04	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 23:04	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 23:04	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 23:04	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 23:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 23:04	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 23:04	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 23:04	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:04	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 23:04	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 23:04	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 23:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/15/21 23:04	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		04/15/21 23:04	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/15/21 23:04	2037-26-5	

Sample: PZ7 Lab ID: **40224788015** Collected: 04/06/21 09:45 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 23:27	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:27	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 23:27	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 23:27	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 23:27	75-25-2	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: PZ7 Lab ID: **40224788015** Collected: 04/06/21 09:45 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 23:27	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 23:27	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 23:27	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 23:27	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 23:27	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 23:27	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 23:27	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 23:27	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 23:27	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 23:27	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 23:27	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 23:27	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 23:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 23:27	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 23:27	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 23:27	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 23:27	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 23:27	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 23:27	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 23:27	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 23:27	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 23:27	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 23:27	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 23:27	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 23:27	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 23:27	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 23:27	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 23:27	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:27	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 23:27	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 23:27	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 23:27	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 23:27	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 23:27	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 23:27	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 23:27	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 23:27	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 23:27	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 23:27	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 23:27	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 23:27	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/15/21 23:27	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 23:27	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 23:27	87-61-6	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Sample: PZ7	Lab ID: 40224788015	Collected: 04/06/21 09:45	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 23:27	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 23:27	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 23:27	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 23:27	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 23:27	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 23:27	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 23:27	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:27	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 23:27	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 23:27	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 23:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/15/21 23:27	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		04/15/21 23:27	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/15/21 23:27	2037-26-5	

Sample: PZ8	Lab ID: 40224788016	Collected: 04/06/21 09:15	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/15/21 23:49	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:49	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/15/21 23:49	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 23:49	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/15/21 23:49	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/15/21 23:49	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 23:49	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/15/21 23:49	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/15/21 23:49	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/15/21 23:49	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/15/21 23:49	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/15/21 23:49	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/15/21 23:49	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/15/21 23:49	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 23:49	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/15/21 23:49	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/15/21 23:49	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/15/21 23:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/15/21 23:49	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/15/21 23:49	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 23:49	95-50-1	

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: PZ8 Lab ID: **40224788016** Collected: 04/06/21 09:15 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 23:49	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/15/21 23:49	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/15/21 23:49	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 23:49	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/15/21 23:49	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/15/21 23:49	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/15/21 23:49	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/15/21 23:49	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/15/21 23:49	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/15/21 23:49	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/15/21 23:49	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/15/21 23:49	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:49	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/15/21 23:49	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 23:49	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/15/21 23:49	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/15/21 23:49	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/15/21 23:49	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/15/21 23:49	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/15/21 23:49	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/15/21 23:49	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/15/21 23:49	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/15/21 23:49	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:49	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/15/21 23:49	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/15/21 23:49	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/15/21 23:49	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/15/21 23:49	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/15/21 23:49	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/15/21 23:49	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/15/21 23:49	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/15/21 23:49	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/15/21 23:49	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/15/21 23:49	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/15/21 23:49	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/15/21 23:49	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/15/21 23:49	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/15/21 23:49	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/15/21 23:49	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/15/21 23:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/15/21 23:49	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/15/21 23:49	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		04/15/21 23:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Sample: PZ9 Lab ID: **40224788017** Collected: 04/06/21 10:20 Received: 04/09/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	<0.30	ug/L	1.0	0.30	1		04/16/21 00:12	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/16/21 00:12	108-86-1	
Bromo(chloromethane)	<0.36	ug/L	5.0	0.36	1		04/16/21 00:12	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/16/21 00:12	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/16/21 00:12	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/16/21 00:12	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/16/21 00:12	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/16/21 00:12	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/16/21 00:12	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/16/21 00:12	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/16/21 00:12	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/16/21 00:12	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/16/21 00:12	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/16/21 00:12	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/16/21 00:12	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/16/21 00:12	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/16/21 00:12	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/16/21 00:12	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/16/21 00:12	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/16/21 00:12	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/16/21 00:12	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/16/21 00:12	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/16/21 00:12	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/16/21 00:12	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/16/21 00:12	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/16/21 00:12	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/16/21 00:12	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/16/21 00:12	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/16/21 00:12	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/16/21 00:12	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/16/21 00:12	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/16/21 00:12	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/16/21 00:12	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/16/21 00:12	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/16/21 00:12	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/16/21 00:12	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/16/21 00:12	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/16/21 00:12	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/16/21 00:12	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/16/21 00:12	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/16/21 00:12	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/16/21 00:12	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/16/21 00:12	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/16/21 00:12	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/16/21 00:12	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Sample: PZ9	Lab ID: 40224788017	Collected: 04/06/21 10:20	Received: 04/09/21 09:00	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/16/21 00:12	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/16/21 00:12	79-34-5	
Tetrachloroethene	0.58J	ug/L	1.0	0.41	1		04/16/21 00:12	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/16/21 00:12	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/16/21 00:12	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/21 00:12	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/16/21 00:12	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/16/21 00:12	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/16/21 00:12	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/16/21 00:12	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/16/21 00:12	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/16/21 00:12	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/16/21 00:12	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/16/21 00:12	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/16/21 00:12	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/16/21 00:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/16/21 00:12	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		04/16/21 00:12	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/16/21 00:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

QC Batch:	382010	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40224788001, 40224788002, 40224788003, 40224788004, 40224788005, 40224788008, 40224788009, 40224788010, 40224788011		

METHOD BLANK: 2203239 Matrix: Water

Associated Lab Samples: 40224788001, 40224788002, 40224788003, 40224788004, 40224788005, 40224788008, 40224788009,
40224788010, 40224788011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/14/21 16:27	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/14/21 16:27	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/14/21 16:27	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	04/14/21 16:27	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/14/21 16:27	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/14/21 16:27	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/14/21 16:27	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/14/21 16:27	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	04/14/21 16:27	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/14/21 16:27	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/14/21 16:27	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/14/21 16:27	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/14/21 16:27	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/14/21 16:27	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/14/21 16:27	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/14/21 16:27	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/14/21 16:27	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/14/21 16:27	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/14/21 16:27	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/14/21 16:27	
2,2-Dichloropropane	ug/L	<4.2	5.0	04/14/21 16:27	
2-Chlorotoluene	ug/L	<0.89	5.0	04/14/21 16:27	
4-Chlorotoluene	ug/L	<0.89	5.0	04/14/21 16:27	
Benzene	ug/L	<0.30	1.0	04/14/21 16:27	
Bromobenzene	ug/L	<0.36	1.0	04/14/21 16:27	
Bromochloromethane	ug/L	<0.36	5.0	04/14/21 16:27	
Bromodichloromethane	ug/L	<0.42	1.0	04/14/21 16:27	
Bromoform	ug/L	<3.8	5.0	04/14/21 16:27	
Bromomethane	ug/L	<1.2	5.0	04/14/21 16:27	
Carbon tetrachloride	ug/L	<0.37	1.0	04/14/21 16:27	
Chlorobenzene	ug/L	<0.86	1.0	04/14/21 16:27	
Chloroethane	ug/L	<1.4	5.0	04/14/21 16:27	
Chloroform	ug/L	<1.2	5.0	04/14/21 16:27	
Chloromethane	ug/L	<1.6	5.0	04/14/21 16:27	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/14/21 16:27	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	04/14/21 16:27	
Dibromochloromethane	ug/L	<2.6	5.0	04/14/21 16:27	
Dibromomethane	ug/L	<0.99	5.0	04/14/21 16:27	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/14/21 16:27	

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

METHOD BLANK: 2203239

Matrix: Water

Associated Lab Samples: 40224788001, 40224788002, 40224788003, 40224788004, 40224788005, 40224788008, 40224788009,
40224788010, 40224788011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	04/14/21 16:27	
Ethylbenzene	ug/L	<0.33	1.0	04/14/21 16:27	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/14/21 16:27	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/14/21 16:27	
m-&p-Xylene	ug/L	<0.70	2.0	04/14/21 16:27	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/14/21 16:27	
Methylene Chloride	ug/L	<0.32	5.0	04/14/21 16:27	
n-Butylbenzene	ug/L	<0.86	1.0	04/14/21 16:27	
n-Propylbenzene	ug/L	<0.35	1.0	04/14/21 16:27	
Naphthalene	ug/L	<1.1	5.0	04/14/21 16:27	
o-Xylene	ug/L	<0.35	1.0	04/14/21 16:27	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/14/21 16:27	
sec-Butylbenzene	ug/L	<0.42	1.0	04/14/21 16:27	
Styrene	ug/L	<0.36	1.0	04/14/21 16:27	
tert-Butylbenzene	ug/L	<0.59	1.0	04/14/21 16:27	
Tetrachloroethene	ug/L	<0.41	1.0	04/14/21 16:27	
Toluene	ug/L	<0.29	1.0	04/14/21 16:27	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/14/21 16:27	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	04/14/21 16:27	
Trichloroethene	ug/L	<0.32	1.0	04/14/21 16:27	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/14/21 16:27	
Vinyl chloride	ug/L	<0.17	1.0	04/14/21 16:27	
4-Bromofluorobenzene (S)	%	90	70-130	04/14/21 16:27	
Dibromofluoromethane (S)	%	110	70-130	04/14/21 16:27	
Toluene-d8 (S)	%	96	70-130	04/14/21 16:27	

LABORATORY CONTROL SAMPLE: 2203240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.8	92	66-130	
1,1,2-Trichloroethane	ug/L	50	47.9	96	70-130	
1,1-Dichloroethane	ug/L	50	43.2	86	68-132	
1,1-Dichloroethene	ug/L	50	47.2	94	85-126	
1,2,4-Trichlorobenzene	ug/L	50	47.6	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.4	85	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	49.8	100	70-130	
1,2-Dichlorobenzene	ug/L	50	50.8	102	70-130	
1,2-Dichloroethane	ug/L	50	38.2	76	70-130	
1,2-Dichloropropane	ug/L	50	53.7	107	78-125	
1,3-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,4-Dichlorobenzene	ug/L	50	52.1	104	70-130	
Benzene	ug/L	50	44.5	89	70-132	

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

LABORATORY CONTROL SAMPLE: 2203240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	53.9	108	70-130	
Bromoform	ug/L	50	60.9	122	65-130	
Bromomethane	ug/L	50	40.8	82	44-128	
Carbon tetrachloride	ug/L	50	49.2	98	70-130	
Chlorobenzene	ug/L	50	55.4	111	70-130	
Chloroethane	ug/L	50	46.6	93	73-137	
Chloroform	ug/L	50	44.2	88	80-122	
Chloromethane	ug/L	50	38.8	78	27-148	
cis-1,2-Dichloroethene	ug/L	50	45.1	90	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.1	98	70-130	
Dibromochloromethane	ug/L	50	54.0	108	70-130	
Dichlorodifluoromethane	ug/L	50	34.0	68	22-151	
Ethylbenzene	ug/L	50	54.5	109	80-123	
Isopropylbenzene (Cumene)	ug/L	50	55.6	111	70-130	
m&p-Xylene	ug/L	100	114	114	70-130	
Methyl-tert-butyl ether	ug/L	50	38.1	76	66-130	
Methylene Chloride	ug/L	50	46.6	93	70-130	
o-Xylene	ug/L	50	55.3	111	70-130	
Styrene	ug/L	50	58.2	116	70-130	
Tetrachloroethene	ug/L	50	57.7	115	70-130	
Toluene	ug/L	50	54.6	109	80-121	
trans-1,2-Dichloroethene	ug/L	50	46.4	93	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.2	92	58-125	
Trichloroethene	ug/L	50	56.4	113	70-130	
Trichlorofluoromethane	ug/L	50	50.7	101	84-148	
Vinyl chloride	ug/L	50	44.6	89	63-142	
4-Bromofluorobenzene (S)	%			105	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2206220 2206221

Parameter	Units	MS		MSD		MS		MSD		% Rec		Max	
		40224788001	Spike Result	Spike Conc.	Conc.	MS Result	% Rec	MS Result	% Rec	MSD % Rec	Limits	RPD	RPD
1,1,1-Trichloroethane	ug/L	<0.30	50	50	45.9	48.6	92	97	70-130	6	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	43.9	43.5	88	87	66-130	1	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	45.4	46.7	91	93	70-130	3	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	38.6	40.1	77	80	68-132	4	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	43.1	45.2	86	90	76-132	5	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.8	48.0	92	96	70-130	5	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	38.2	40.0	76	80	51-126	4	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	45.9	46.8	92	94	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	48.9	49.9	98	100	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	34.0	34.9	68	70	70-130	3	20	M1	

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2206220 2206221

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		
		40224788001	Spike Conc.	Spike Conc.	MS Result						RPD	RPD	Qual
1,2-Dichloropropane	ug/L	<0.45	50	50	49.2	51.7	98	103	77-125	5	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	49.9	51.5	100	103	70-130	3	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.9	50.3	100	101	70-130	1	20		
Benzene	ug/L	<0.30	50	50	40.7	43.1	81	86	70-132	6	20		
Bromodichloromethane	ug/L	<0.42	50	50	49.8	52.1	100	104	70-130	5	20		
Bromoform	ug/L	<3.8	50	50	56.6	57.4	113	115	65-130	1	20		
Bromomethane	ug/L	<1.2	50	50	43.3	46.1	87	92	44-128	6	21		
Carbon tetrachloride	ug/L	<0.37	50	50	45.0	46.9	90	94	70-132	4	20		
Chlorobenzene	ug/L	<0.86	50	50	53.8	55.6	108	111	70-130	3	20		
Chloroethane	ug/L	<1.4	50	50	43.8	45.5	88	91	70-137	4	20		
Chloroform	ug/L	<1.2	50	50	40.4	42.4	81	85	80-122	5	20		
Chloromethane	ug/L	<1.6	50	50	36.7	38.1	73	76	17-149	4	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	41.1	43.3	82	87	70-130	5	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	45.1	47.1	90	94	70-130	4	20		
Dibromochloromethane	ug/L	<2.6	50	50	50.0	50.0	100	100	70-130	0	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	30.9	31.6	62	63	22-158	2	20		
Ethylbenzene	ug/L	<0.33	50	50	53.2	54.3	106	109	80-123	2	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	53.3	54.7	107	109	70-130	2	20		
m&p-Xylene	ug/L	<0.70	100	100	111	113	111	113	70-130	3	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	33.7	34.7	67	69	66-130	3	20		
Methylene Chloride	ug/L	<0.32	50	50	42.9	45.7	86	91	70-130	6	20		
o-Xylene	ug/L	<0.35	50	50	52.8	55.0	106	110	70-130	4	20		
Styrene	ug/L	<0.36	50	50	55.9	57.2	112	114	70-130	2	20		
Tetrachloroethene	ug/L	12.1	50	50	69.5	69.6	115	115	70-130	0	20		
Toluene	ug/L	<0.29	50	50	52.4	54.0	105	108	80-121	3	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	42.2	44.4	84	89	70-134	5	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	43.1	44.5	86	89	58-130	3	20		
Trichloroethene	ug/L	<0.32	50	50	52.9	55.0	106	110	70-130	4	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	46.9	48.4	94	97	82-151	3	20		
Vinyl chloride	ug/L	<0.17	50	50	41.7	43.9	83	88	61-143	5	20		
4-Bromofluorobenzene (S)	%						104	102	70-130				
Dibromofluoromethane (S)	%							92	92	70-130			
Toluene-d8 (S)	%						103	102	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

QC Batch: 382073 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40224788012, 40224788013, 40224788014, 40224788015, 40224788016, 40224788017

METHOD BLANK: 2204222

Matrix: Water

Associated Lab Samples: 40224788012, 40224788013, 40224788014, 40224788015, 40224788016, 40224788017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/15/21 17:04	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/15/21 17:04	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/15/21 17:04	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	04/15/21 17:04	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/15/21 17:04	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/15/21 17:04	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/15/21 17:04	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/15/21 17:04	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	04/15/21 17:04	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/15/21 17:04	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/15/21 17:04	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/15/21 17:04	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/15/21 17:04	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/15/21 17:04	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/15/21 17:04	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/15/21 17:04	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/15/21 17:04	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/15/21 17:04	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/15/21 17:04	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/15/21 17:04	
2,2-Dichloropropane	ug/L	<4.2	5.0	04/15/21 17:04	
2-Chlorotoluene	ug/L	<0.89	5.0	04/15/21 17:04	
4-Chlorotoluene	ug/L	<0.89	5.0	04/15/21 17:04	
Benzene	ug/L	<0.30	1.0	04/15/21 17:04	
Bromobenzene	ug/L	<0.36	1.0	04/15/21 17:04	
Bromochloromethane	ug/L	<0.36	5.0	04/15/21 17:04	
Bromodichloromethane	ug/L	<0.42	1.0	04/15/21 17:04	
Bromoform	ug/L	<3.8	5.0	04/15/21 17:04	
Bromomethane	ug/L	<1.2	5.0	04/15/21 17:04	
Carbon tetrachloride	ug/L	<0.37	1.0	04/15/21 17:04	
Chlorobenzene	ug/L	<0.86	1.0	04/15/21 17:04	
Chloroethane	ug/L	<1.4	5.0	04/15/21 17:04	
Chloroform	ug/L	<1.2	5.0	04/15/21 17:04	
Chloromethane	ug/L	<1.6	5.0	04/15/21 17:04	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/15/21 17:04	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	04/15/21 17:04	
Dibromochloromethane	ug/L	<2.6	5.0	04/15/21 17:04	
Dibromomethane	ug/L	<0.99	5.0	04/15/21 17:04	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/15/21 17:04	
Diisopropyl ether	ug/L	<1.1	5.0	04/15/21 17:04	

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

METHOD BLANK: 2204222

Matrix: Water

Associated Lab Samples: 40224788012, 40224788013, 40224788014, 40224788015, 40224788016, 40224788017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	04/15/21 17:04	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/15/21 17:04	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/15/21 17:04	
m&p-Xylene	ug/L	<0.70	2.0	04/15/21 17:04	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/15/21 17:04	
Methylene Chloride	ug/L	<0.32	5.0	04/15/21 17:04	
n-Butylbenzene	ug/L	<0.86	1.0	04/15/21 17:04	
n-Propylbenzene	ug/L	<0.35	1.0	04/15/21 17:04	
Naphthalene	ug/L	<1.1	5.0	04/15/21 17:04	
o-Xylene	ug/L	<0.35	1.0	04/15/21 17:04	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/15/21 17:04	
sec-Butylbenzene	ug/L	<0.42	1.0	04/15/21 17:04	
Styrene	ug/L	<0.36	1.0	04/15/21 17:04	
tert-Butylbenzene	ug/L	<0.59	1.0	04/15/21 17:04	
Tetrachloroethene	ug/L	<0.41	1.0	04/15/21 17:04	
Toluene	ug/L	<0.29	1.0	04/15/21 17:04	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/15/21 17:04	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	04/15/21 17:04	
Trichloroethene	ug/L	<0.32	1.0	04/15/21 17:04	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/15/21 17:04	
Vinyl chloride	ug/L	<0.17	1.0	04/15/21 17:04	
4-Bromofluorobenzene (S)	%	98	70-130	04/15/21 17:04	
Dibromofluoromethane (S)	%	104	70-130	04/15/21 17:04	
Toluene-d8 (S)	%	98	70-130	04/15/21 17:04	

LABORATORY CONTROL SAMPLE: 2204223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.5	93	66-130	
1,1,2-Trichloroethane	ug/L	50	47.8	96	70-130	
1,1-Dichloroethane	ug/L	50	40.9	82	68-132	
1,1-Dichloroethene	ug/L	50	50.0	100	85-126	
1,2,4-Trichlorobenzene	ug/L	50	47.0	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.1	84	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	70-130	
1,2-Dichlorobenzene	ug/L	50	46.4	93	70-130	
1,2-Dichloroethane	ug/L	50	48.0	96	70-130	
1,2-Dichloropropane	ug/L	50	49.2	98	78-125	
1,3-Dichlorobenzene	ug/L	50	47.1	94	70-130	
1,4-Dichlorobenzene	ug/L	50	46.5	93	70-130	
Benzene	ug/L	50	48.9	98	70-132	
Bromodichloromethane	ug/L	50	49.3	99	70-130	
Bromoform	ug/L	50	45.0	90	65-130	

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

LABORATORY CONTROL SAMPLE: 2204223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	33.5	67	44-128	
Carbon tetrachloride	ug/L	50	49.0	98	70-130	
Chlorobenzene	ug/L	50	49.4	99	70-130	
Chloroethane	ug/L	50	49.7	99	73-137	
Chloroform	ug/L	50	49.1	98	80-122	
Chloromethane	ug/L	50	37.4	75	27-148	
cis-1,2-Dichloroethene	ug/L	50	47.3	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	70-130	
Dibromochloromethane	ug/L	50	49.8	100	70-130	
Dichlorodifluoromethane	ug/L	50	29.2	58	22-151	
Ethylbenzene	ug/L	50	49.9	100	80-123	
Isopropylbenzene (Cumene)	ug/L	50	50.8	102	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	45.0	90	66-130	
Methylene Chloride	ug/L	50	48.1	96	70-130	
o-Xylene	ug/L	50	50.1	100	70-130	
Styrene	ug/L	50	50.5	101	70-130	
Tetrachloroethene	ug/L	50	49.3	99	70-130	
Toluene	ug/L	50	49.2	98	80-121	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	41.9	84	58-125	
Trichloroethene	ug/L	50	52.4	105	70-130	
Trichlorofluoromethane	ug/L	50	53.5	107	84-148	
Vinyl chloride	ug/L	50	45.5	91	63-142	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			103	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2204224 2204225

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40224769017	Result	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.61	100	100	109	107	109	107	70-130	2	20
1,1,2,2-Tetrachloroethane	ug/L	<0.76	100	100	100	100	100	100	66-130	0	20
1,1,2-Trichloroethane	ug/L	<0.69	100	100	103	99.8	103	100	70-130	3	20
1,1-Dichloroethane	ug/L	<0.59	100	100	87.6	85.4	88	85	68-132	3	20
1,1-Dichloroethene	ug/L	<1.2	100	100	107	107	107	106	76-132	1	20
1,2,4-Trichlorobenzene	ug/L	<1.9	100	100	109	109	109	109	70-130	0	20
1,2-Dibromo-3-chloropropane	ug/L	<4.7	100	100	97.5	98.6	97	99	51-126	1	20
1,2-Dibromoethane (EDB)	ug/L	<0.62	100	100	104	102	104	102	70-130	2	20
1,2-Dichlorobenzene	ug/L	<0.65	100	100	101	100	101	100	70-130	1	20
1,2-Dichloroethane	ug/L	<0.58	100	100	98.9	100	99	100	70-130	1	20
1,2-Dichloropropane	ug/L	<0.90	100	100	105	102	105	102	77-125	3	20
1,3-Dichlorobenzene	ug/L	<0.70	100	100	102	101	102	101	70-130	2	20

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Parameter	Units	40224769017		MS		MSD		2204225				
		Result	Spike Conc.	Spike	Conc.	MS Result	MSD	MS Result	MSD % Rec	% Rec	RPD	RPD
				Conc.	Result	Result	% Rec	Result	% Rec			
1,4-Dichlorobenzene	ug/L	<1.8	100	100	101	99.6	101	100	100	70-130	1	20
Benzene	ug/L	4.7	100	100	108	106	103	101	101	70-132	2	20
Bromodichloromethane	ug/L	<0.83	100	100	106	103	106	103	103	70-130	3	20
Bromoform	ug/L	<7.6	100	100	100	95.8	100	96	96	65-130	4	20
Bromomethane	ug/L	<2.4	100	100	97.3	92.1	97	92	92	44-128	6	21
Carbon tetrachloride	ug/L	<0.74	100	100	106	104	106	104	104	70-132	2	20
Chlorobenzene	ug/L	<1.7	100	100	105	101	105	101	101	70-130	4	20
Chloroethane	ug/L	<2.8	100	100	108	106	108	106	106	70-137	2	20
Chloroform	ug/L	<2.4	100	100	106	103	106	103	103	80-122	3	20
Chloromethane	ug/L	<3.3	100	100	85.5	84.8	85	85	85	17-149	1	20
cis-1,2-Dichloroethene	ug/L	4.6	100	100	105	104	100	99	99	70-130	1	20
cis-1,3-Dichloropropene	ug/L	<0.72	100	100	105	103	105	103	103	70-130	2	20
Dibromochloromethane	ug/L	<5.3	100	100	108	105	108	105	105	70-130	3	20
Dichlorodifluoromethane	ug/L	<0.91	100	100	70.3	69.8	70	70	70	22-158	1	20
Ethylbenzene	ug/L	128	100	100	209	215	81	87	87	80-123	3	20
Isopropylbenzene (Cumene)	ug/L	11.6	100	100	119	116	108	105	105	70-130	2	20
m-&p-Xylene	ug/L	331	200	200	465	485	67	77	70-130	4	20	M1
Methyl-tert-butyl ether	ug/L	<2.3	100	100	97.3	98.5	97	98	98	66-130	1	20
Methylene Chloride	ug/L	<0.64	100	100	103	98.2	103	98	98	70-130	5	20
o-Xylene	ug/L	168	100	100	234	244	67	76	70-130	4	20	M1
Styrene	ug/L	<0.71	100	100	104	102	104	102	102	70-130	2	20
Tetrachloroethene	ug/L	165	100	100	239	246	74	81	70-130	3	20	
Toluene	ug/L	36.8	100	100	134	133	97	96	96	80-121	1	20
trans-1,2-Dichloroethene	ug/L	<1.1	100	100	108	107	107	106	106	70-134	1	20
trans-1,3-Dichloropropene	ug/L	<6.9	100	100	90.3	89.3	90	89	89	58-130	1	20
Trichloroethene	ug/L	288	100	100	340	359	52	71	70-130	5	20	M1
Trichlorofluoromethane	ug/L	<0.84	100	100	116	113	116	113	113	82-151	2	20
Vinyl chloride	ug/L	<0.35	100	100	102	101	102	101	101	61-143	1	20
4-Bromofluorobenzene (S)	%						100	100	100	70-130		
Dibromofluoromethane (S)	%						102	102	102	70-130		
Toluene-d8 (S)	%						99	98	98	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

QC Batch:	382359	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40224788006, 40224788007

METHOD BLANK: 2205390 Matrix: Water

Associated Lab Samples: 40224788006, 40224788007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/20/21 07:20	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/20/21 07:20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/20/21 07:20	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	04/20/21 07:20	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/20/21 07:20	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/20/21 07:20	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/20/21 07:20	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/20/21 07:20	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	04/20/21 07:20	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/20/21 07:20	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/20/21 07:20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/20/21 07:20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/20/21 07:20	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/20/21 07:20	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/20/21 07:20	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/20/21 07:20	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/20/21 07:20	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/20/21 07:20	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/20/21 07:20	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/20/21 07:20	
2,2-Dichloropropane	ug/L	<4.2	5.0	04/20/21 07:20	
2-Chlorotoluene	ug/L	<0.89	5.0	04/20/21 07:20	
4-Chlorotoluene	ug/L	<0.89	5.0	04/20/21 07:20	
Benzene	ug/L	<0.30	1.0	04/20/21 07:20	
Bromobenzene	ug/L	<0.36	1.0	04/20/21 07:20	
Bromochloromethane	ug/L	<0.36	5.0	04/20/21 07:20	
Bromodichloromethane	ug/L	<0.42	1.0	04/20/21 07:20	
Bromoform	ug/L	<3.8	5.0	04/20/21 07:20	
Bromomethane	ug/L	<1.2	5.0	04/20/21 07:20	
Carbon tetrachloride	ug/L	<0.37	1.0	04/20/21 07:20	
Chlorobenzene	ug/L	<0.86	1.0	04/20/21 07:20	
Chloroethane	ug/L	<1.4	5.0	04/20/21 07:20	
Chloroform	ug/L	<1.2	5.0	04/20/21 07:20	
Chloromethane	ug/L	<1.6	5.0	04/20/21 07:20	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/20/21 07:20	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	04/20/21 07:20	
Dibromochloromethane	ug/L	<2.6	5.0	04/20/21 07:20	
Dibromomethane	ug/L	<0.99	5.0	04/20/21 07:20	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/20/21 07:20	
Diisopropyl ether	ug/L	<1.1	5.0	04/20/21 07:20	

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

METHOD BLANK: 2205390

Matrix: Water

Associated Lab Samples: 40224788006, 40224788007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	04/20/21 07:20	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/20/21 07:20	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/20/21 07:20	
m&p-Xylene	ug/L	<0.70	2.0	04/20/21 07:20	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/20/21 07:20	
Methylene Chloride	ug/L	<0.32	5.0	04/20/21 07:20	
n-Butylbenzene	ug/L	<0.86	1.0	04/20/21 07:20	
n-Propylbenzene	ug/L	<0.35	1.0	04/20/21 07:20	
Naphthalene	ug/L	<1.1	5.0	04/20/21 07:20	
o-Xylene	ug/L	<0.35	1.0	04/20/21 07:20	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/20/21 07:20	
sec-Butylbenzene	ug/L	<0.42	1.0	04/20/21 07:20	
Styrene	ug/L	<0.36	1.0	04/20/21 07:20	
tert-Butylbenzene	ug/L	<0.59	1.0	04/20/21 07:20	
Tetrachloroethene	ug/L	<0.41	1.0	04/20/21 07:20	
Toluene	ug/L	<0.29	1.0	04/20/21 07:20	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/20/21 07:20	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	04/20/21 07:20	
Trichloroethene	ug/L	<0.32	1.0	04/20/21 07:20	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/20/21 07:20	
Vinyl chloride	ug/L	<0.17	1.0	04/20/21 07:20	
4-Bromofluorobenzene (S)	%	89	70-130	04/20/21 07:20	
Dibromofluoromethane (S)	%	103	70-130	04/20/21 07:20	
Toluene-d8 (S)	%	95	70-130	04/20/21 07:20	

LABORATORY CONTROL SAMPLE: 2205391

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.7	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.0	98	66-130	
1,1,2-Trichloroethane	ug/L	50	53.3	107	70-130	
1,1-Dichloroethane	ug/L	50	44.0	88	68-132	
1,1-Dichloroethene	ug/L	50	48.6	97	85-126	
1,2,4-Trichlorobenzene	ug/L	50	46.6	93	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.0	88	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	55.1	110	70-130	
1,2-Dichlorobenzene	ug/L	50	51.9	104	70-130	
1,2-Dichloroethane	ug/L	50	38.5	77	70-130	
1,2-Dichloropropane	ug/L	50	54.7	109	78-125	
1,3-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,4-Dichlorobenzene	ug/L	50	52.5	105	70-130	
Benzene	ug/L	50	45.7	91	70-132	
Bromodichloromethane	ug/L	50	57.4	115	70-130	
Bromoform	ug/L	50	68.7	137	65-130 L1	

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

LABORATORY CONTROL SAMPLE: 2205391

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	42.5	85	44-128	
Carbon tetrachloride	ug/L	50	49.1	98	70-130	
Chlorobenzene	ug/L	50	58.1	116	70-130	
Chloroethane	ug/L	50	46.1	92	73-137	
Chloroform	ug/L	50	46.5	93	80-122	
Chloromethane	ug/L	50	41.5	83	27-148	
cis-1,2-Dichloroethene	ug/L	50	46.8	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.1	102	70-130	
Dibromochloromethane	ug/L	50	59.8	120	70-130	
Dichlorodifluoromethane	ug/L	50	39.3	79	22-151	
Ethylbenzene	ug/L	50	57.1	114	80-123	
Isopropylbenzene (Cumene)	ug/L	50	57.7	115	70-130	
m&p-Xylene	ug/L	100	120	120	70-130	
Methyl-tert-butyl ether	ug/L	50	41.6	83	66-130	
Methylene Chloride	ug/L	50	46.5	93	70-130	
o-Xylene	ug/L	50	58.1	116	70-130	
Styrene	ug/L	50	61.3	123	70-130	
Tetrachloroethene	ug/L	50	61.8	124	70-130	
Toluene	ug/L	50	56.9	114	80-121	
trans-1,2-Dichloroethene	ug/L	50	48.4	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.0	100	58-125	
Trichloroethene	ug/L	50	59.4	119	70-130	
Trichlorofluoromethane	ug/L	50	52.0	104	84-148	
Vinyl chloride	ug/L	50	45.9	92	63-142	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2206639 2206640

Parameter	Units	MS		MSD		MS		MSD		% Rec		Max RPD	RPD	Qual
		40224953002	Result	Spike Conc.	Spike Conc.	Result	MSD % Rec	MS % Rec	MSD % Rec	Limits	RPD			
1,1,1-Trichloroethane	ug/L	<0.30	50	50	49.3	50.0	99	100	70-130	1	20			
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	50.9	50.0	102	100	66-130	2	20			
1,1,2-Trichloroethane	ug/L	<0.34	50	50	53.5	51.9	107	104	70-130	3	20			
1,1-Dichloroethane	ug/L	<0.30	50	50	43.7	43.3	87	87	68-132	1	20			
1,1-Dichloroethene	ug/L	<0.58	50	50	46.8	47.8	94	96	76-132	2	20			
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50.1	49.7	100	99	70-130	1	20			
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	47.8	47.3	96	95	51-126	1	20			
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	55.0	55.2	110	110	70-130	0	20			
1,2-Dichlorobenzene	ug/L	<0.33	50	50	53.2	52.6	106	105	70-130	1	20			
1,2-Dichloroethane	ug/L	<0.29	50	50	40.2	38.4	80	77	70-130	5	20			
1,2-Dichloropropane	ug/L	<0.45	50	50	54.8	54.8	110	110	77-125	0	20			
1,3-Dichlorobenzene	ug/L	<0.35	50	50	52.9	52.3	106	105	70-130	1	20			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3056 MINOCQUA CLEANERS

Pace Project No.: 40224788

Parameter	Units	40224953002		MS		MSD		2206640		Max			
		Result	Spike Conc.	Spike	Conc.	MS Result	MSD	MS % Rec	MSD % Rec	% Rec	RPD	RPD	
										Limits		Qual	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	53.0	53.6	106	107	70-130	1	20		
Benzene	ug/L	<0.30	50	50	44.7	44.9	89	90	70-132	1	20		
Bromodichloromethane	ug/L	<0.42	50	50	56.0	56.3	112	113	70-130	1	20		
Bromoform	ug/L	<3.8	50	50	69.7	68.3	139	137	65-130	2	20	M0	
Bromomethane	ug/L	<1.2	50	50	46.7	48.1	93	96	44-128	3	21		
Carbon tetrachloride	ug/L	<0.37	50	50	48.2	48.4	96	97	70-132	0	20		
Chlorobenzene	ug/L	<0.86	50	50	56.8	58.0	114	116	70-130	2	20		
Chloroethane	ug/L	<1.4	50	50	46.7	46.8	93	94	70-137	0	20		
Chloroform	ug/L	<1.2	50	50	45.9	45.5	92	91	80-122	1	20		
Chloromethane	ug/L	<1.6	50	50	40.9	40.5	82	81	17-149	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	47.6	46.9	95	94	70-130	1	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	51.6	51.9	103	104	70-130	1	20		
Dibromochloromethane	ug/L	<2.6	50	50	59.7	58.9	119	118	70-130	1	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	34.1	35.4	68	71	22-158	4	20		
Ethylbenzene	ug/L	<0.33	50	50	54.8	56.7	110	113	80-123	3	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	55.9	57.1	112	114	70-130	2	20		
m&p-Xylene	ug/L	<0.70	100	100	115	117	115	117	70-130	2	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	42.8	41.3	86	83	66-130	4	20		
Methylene Chloride	ug/L	<0.32	50	50	46.5	46.0	93	92	70-130	1	20		
o-Xylene	ug/L	<0.35	50	50	55.7	57.3	111	115	70-130	3	20		
Styrene	ug/L	<0.36	50	50	58.7	60.0	117	120	70-130	2	20		
Tetrachloroethene	ug/L	<0.41	50	50	58.5	60.9	117	122	70-130	4	20		
Toluene	ug/L	<0.29	50	50	55.5	56.5	111	113	80-121	2	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	47.6	47.7	95	95	70-134	0	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	51.1	50.4	102	101	58-130	1	20		
Trichloroethene	ug/L	<0.32	50	50	57.2	58.4	114	117	70-130	2	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	48.2	49.5	96	99	82-151	3	20		
Vinyl chloride	ug/L	<0.17	50	50	44.6	45.1	89	90	61-143	1	20		
4-Bromofluorobenzene (S)	%						103	103	70-130				
Dibromofluoromethane (S)	%							99	97	70-130			
Toluene-d8 (S)	%							99	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

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

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

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

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 3056 MINOCQUA CLEANERS
Pace Project No.: 40224788

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40224788001	MW1	EPA 8260	382010		
40224788002	MW2	EPA 8260	382010		
40224788003	MW3	EPA 8260	382010		
40224788004	MW4	EPA 8260	382010		
40224788005	MW5	EPA 8260	382010		
40224788006	MW6	EPA 8260	382359		
40224788007	MW7	EPA 8260	382359		
40224788008	MW8	EPA 8260	382010		
40224788009	MW9	EPA 8260	382010		
40224788010	MW10	EPA 8260	382010		
40224788011	PZ1	EPA 8260	382010		
40224788012	PZ2	EPA 8260	382073		
40224788013	PZ4	EPA 8260	382073		
40224788014	PZ5	EPA 8260	382073		
40224788015	PZ7	EPA 8260	382073		
40224788016	PZ8	EPA 8260	382073		
40224788017	PZ9	EPA 8260	382073		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name:	REI Engineering Inc	
Branch/Location:	Wausau	
Project Contact:	Dave Larsen	
Phone:	715-675-9784	
Project Number:	3056	
Project Name:	Minocqua Cleaners	
Project State:	WI	
Sampled By (Print):	Keith Klebenow	
Sampled By (Sign):	Klebenow	
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

PACE LAB # **CLIENT FIELD ID**

001	MW1	4/6/21	1250	W	X
002	MW2	4/6/21	200	W	X
003	MW3		230	W	X
004	MW4		1150	W	X
005	MW5		330	W	X
006	MW6		300	W	X
007	MW7		1055	W	X
008	MW8		930	W	X
009	MW9		834	W	X
010	MW10		1010	W	X
011	PZ1		1215	W	X
012	PZ2		1105	W	X

**UPPER MIDWEST REGION**

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

Page 1 of 2

40224788

CHAIN OF CUSTODY

		*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										
COLLECTION											
DATE											
TIME											
MATRIX											

Quote #:		
Mail To Contact:	Dave Larsen	
Mail To Company:	REI Engineering Inc	
Mail To Address:	4080 N 20th Ave Wausau WI 54401	
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

(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

Relinquished By:

Date/Time:

Received By:

Date/Time:

PACE Project No.

40224788

Receipt Temp = 4 °C

Sample Receipt pH

OK / Adjusted

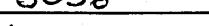
Cooler Custody Seal

Present / Not Present

Intact / Not Intact

Version 00-05/14/06 Page 47 of 50

(Please Print Clearly)

Company Name:	REI Engineering Inc	
Branch/Location:	Wausau	
Project Contact:	Dave Larson	
Phone:	715-675-9784	
Project Number:	3056	
Project Name:	Minocqua Cleaners	
Project State:	WI	
Sampled By (Print):	Keith Kilebow	
Sampled By (Sign):		
PO #:		Regulatory Program:



UPPER MIDWEST REGION

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

Page 2 of 2

CHAIN OF CUSTODY

*Preservation Codes						
A=None	B=HCl	C=H ₂ SO ₄	D=HNO ₃	E=DI Water	F=Methanol	G=NaOH
H=Sodium Bisulfate Solution	I=Sodium Thiosulfate	J=Other				

Quarantine By:	Date/Time:	Received By:	Date/Time:
John Selsky	4/19/21 3:00		
Quarantine By:	Date/Time:	Received By:	Date/Time:
John Selsky	4/19/21 0900	Tenisha Pace	4/19/21 0900
Quarantine By:	Date/Time:	Received By:	Date/Time:
Quarantine By:	Date/Time:	Received By:	Date/Time:
Quarantine By:	Date/Time:	Received By:	Date/Time:

Version 6.0 06/14/06

ORIGINAL

Samples on HOLD are subject to special pricing and release of liability.

C019a(27-Jun-2006)

Sample Preservation Receipt Form
Project # LC224788

Client Name: R&T

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	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC
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
009																								2.5 / 5 / 10
010																								2.5 / 5 / 10
011																								2.5 / 5 / 10
012																								2.5 / 5 / 10
013																								2.5 / 5 / 10
014																								2.5 / 5 / 10
015																								2.5 / 5 / 10
016																								2.5 / 5 / 10
017																								2.5 / 5 / 10
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			ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN 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: RGF

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

WO# : 40224788



40224788

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 - 97 Type of Ice: Wet Blue Dry None

Cooler Temperature Uncorr: 4 /Corr: 4

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.

Samples on ice, cooling process has begun

Person examining contents:

Date: 4/9/21 Initials: KJ

Labeled By Initials: KJ

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	5. Date/Time:
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: For Analysis: <input type="checkbox"/> Yes <input checked="" 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	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 Matrix:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

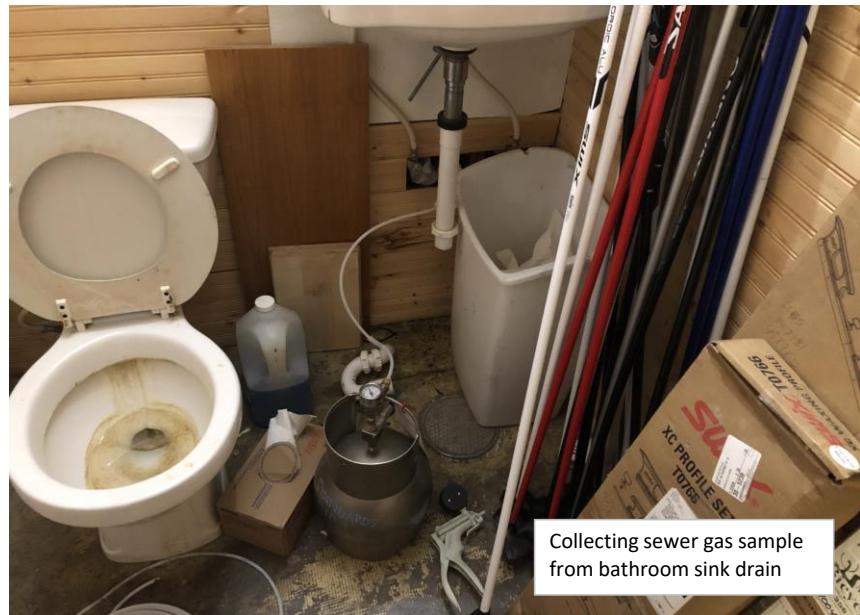
Comments/ Resolution: _____

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

APPENDIX B

SITE PHOTOGRAPHS





APPENDIX C

COPY OF VAPOR LABORATORY REPORT



April 23, 2021

David Larsen
REI Engineering
4080 N. 20th Ave
Wausau, WI 54401

RE: Project: 3056-D Former Minocqua Cleaner
Pace Project No.: 10554335

Dear David Larsen:

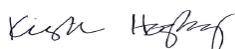
Enclosed are the analytical results for sample(s) received by the laboratory on April 07, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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 - Minneapolis

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

Sincerely,



Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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

Project: 3056-D Former Minocqua Cleaner
 Pace Project No.: 10554335

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414	Missouri Certification #: 10100
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab	Montana Certification #: CERT0092
A2LA Certification #: 2926.01*	Nebraska Certification #: NE-OS-18-06
Alabama Certification #: 40770	Nevada Certification #: MN00064
Alaska Contaminated Sites Certification #: 17-009*	New Hampshire Certification #: 2081*
Alaska DW Certification #: MN00064	New Jersey Certification #: MN002
Arizona Certification #: AZ0014*	New York Certification #: 11647*
Arkansas DW Certification #: MN00064	North Carolina DW Certification #: 27700
Arkansas WW Certification #: 88-0680	North Carolina WW Certification #: 530
California Certification #: 2929	North Dakota Certification #: R-036
Colorado Certification #: MN00064	Ohio DW Certification #: 41244
Connecticut Certification #: PH-0256	Ohio VAP Certification (1700) #: CL101
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137	Ohio VAP Certification (1800) #: CL110*
Florida Certification #: E87605*	Oklahoma Certification #: 9507*
Georgia Certification #: 959	Oregon Primary Certification #: MN300001
Hawaii Certification #: MN00064	Oregon Secondary Certification #: MN200001*
Idaho Certification #: MN00064	Pennsylvania Certification #: 68-00563*
Illinois Certification #: 200011	Puerto Rico Certification #: MN00064
Indiana Certification #: C-MN-01	South Carolina Certification #: 74003001
Iowa Certification #: 368	Tennessee Certification #: TN02818
Kansas Certification #: E-10167	Texas Certification #: T104704192*
Kentucky DW Certification #: 90062	Utah Certification #: MN00064*
Kentucky WW Certification #: 90062	Vermont Certification #: VT-027053137
Louisiana DEQ Certification #: AI-03086*	Virginia Certification #: 460163*
Louisiana DW Certification #: MN00064	Washington Certification #: C486*
Maine Certification #: MN00064*	West Virginia DEP Certification #: 382
Maryland Certification #: 322	West Virginia DW Certification #: 9952 C
Michigan Certification #: 9909	Wisconsin Certification #: 999407970
Minnesota Certification #: 027-053-137*	Wyoming UST Certification #: via A2LA 2926.01
Minnesota Dept of Ag Approval: via MN 027-053-137	USDA Permit #: P330-19-00208
Minnesota Petrofund Registration #: 1240*	*Please Note: Applicable air certifications are denoted with an asterisk (*).
Mississippi Certification #: MN00064	

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10554335001	VP-1	Air	04/02/21 10:41	04/07/21 13:35
10554335002	VP-2	Air	04/02/21 11:32	04/07/21 13:35
10554335003	Sewer	Air	04/02/21 11:42	04/07/21 13:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 3056-D Former Minocqua Cleaner
 Pace Project No.: 10554335

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10554335001	VP-1	TO-15	AFV	61	PASI-M
10554335002	VP-2	TO-15	AFV	61	PASI-M
10554335003	Sewer	TO-15	AFV	61	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10554335001	VP-1					
TO-15	Acetone	230	ug/m3	9.2	04/23/21 01:07	
TO-15	Benzene	2.7	ug/m3	0.49	04/23/21 01:07	
TO-15	2-Butanone (MEK)	15.2	ug/m3	4.6	04/23/21 01:07	
TO-15	Dichlorodifluoromethane	252	ug/m3	1.5	04/23/21 01:07	
TO-15	Ethanol	208	ug/m3	2.9	04/23/21 01:07	
TO-15	Ethylbenzene	12.0	ug/m3	1.3	04/23/21 01:07	
TO-15	4-Ethyltoluene	8.2	ug/m3	3.8	04/23/21 01:07	
TO-15	n-Heptane	7.0	ug/m3	1.3	04/23/21 01:07	
TO-15	n-Hexane	2.9	ug/m3	1.1	04/23/21 01:07	
TO-15	4-Methyl-2-pentanone (MIBK)	3.4J	ug/m3	6.3	04/23/21 01:07	
TO-15	Naphthalene	5.0	ug/m3	4.0	04/23/21 01:07	
TO-15	2-Propanol	23.2	ug/m3	3.8	04/23/21 01:07	
TO-15	Styrene	1.7	ug/m3	1.3	04/23/21 01:07	
TO-15	Tetrachloroethene	2640	ug/m3	31.4	04/23/21 10:09	
TO-15	Toluene	29.8	ug/m3	1.2	04/23/21 01:07	
TO-15	1,1,1-Trichloroethane	0.67J	ug/m3	1.7	04/23/21 01:07	
TO-15	Trichloroethene	0.41J	ug/m3	1.7	04/23/21 01:07	
TO-15	Trichlorofluoromethane	2.3	ug/m3	1.7	04/23/21 01:07	
TO-15	1,1,2-Trichlorotrifluoroethane	0.87J	ug/m3	2.4	04/23/21 01:07	
TO-15	1,2,4-Trimethylbenzene	24.5	ug/m3	1.5	04/23/21 01:07	
TO-15	1,3,5-Trimethylbenzene	7.0	ug/m3	1.5	04/23/21 01:07	
TO-15	m&p-Xylene	50.0	ug/m3	2.7	04/23/21 01:07	
TO-15	o-Xylene	20.5	ug/m3	1.3	04/23/21 01:07	
10554335002	VP-2					
TO-15	Acetone	174	ug/m3	8.5	04/23/21 01:35	
TO-15	Benzene	2.8	ug/m3	0.46	04/23/21 01:35	
TO-15	2-Butanone (MEK)	9.8	ug/m3	4.2	04/23/21 01:35	
TO-15	Carbon disulfide	3.4	ug/m3	0.89	04/23/21 01:35	
TO-15	1,3-Dichlorobenzene	1.2J	ug/m3	4.3	04/23/21 01:35	
TO-15	Dichlorodifluoromethane	138	ug/m3	1.4	04/23/21 01:35	
TO-15	trans-1,2-Dichloroethene	0.24J	ug/m3	1.1	04/23/21 01:35	
TO-15	Ethanol	145	ug/m3	2.7	04/23/21 01:35	
TO-15	Ethylbenzene	7.9	ug/m3	1.2	04/23/21 01:35	
TO-15	4-Ethyltoluene	5.9	ug/m3	3.5	04/23/21 01:35	
TO-15	n-Heptane	4.6	ug/m3	1.2	04/23/21 01:35	
TO-15	n-Hexane	5.2	ug/m3	1.0	04/23/21 01:35	
TO-15	4-Methyl-2-pentanone (MIBK)	1.9J	ug/m3	5.9	04/23/21 01:35	
TO-15	Naphthalene	3.9	ug/m3	3.8	04/23/21 01:35	
TO-15	2-Propanol	25.1	ug/m3	3.5	04/23/21 01:35	
TO-15	Propylene	1.5	ug/m3	1.2	04/23/21 01:35	
TO-15	Styrene	3.4	ug/m3	1.2	04/23/21 01:35	
TO-15	Tetrachloroethene	603	ug/m3	9.7	04/23/21 09:44	
TO-15	Tetrahydrofuran	4.6	ug/m3	0.85	04/23/21 01:35	
TO-15	Toluene	23.8	ug/m3	1.1	04/23/21 01:35	
TO-15	Trichloroethene	0.42J	ug/m3	1.5	04/23/21 01:35	
TO-15	Trichlorofluoromethane	1.5J	ug/m3	1.6	04/23/21 01:35	
TO-15	1,1,2-Trichlorotrifluoroethane	0.50J	ug/m3	2.2	04/23/21 01:35	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 3056-D Former Minocqua Cleaner
Pace Project No.: 10554335

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10554335002	VP-2					
TO-15	1,2,4-Trimethylbenzene	17.8	ug/m3	1.4	04/23/21 01:35	
TO-15	1,3,5-Trimethylbenzene	5.3	ug/m3	1.4	04/23/21 01:35	
TO-15	m&p-Xylene	32.9	ug/m3	2.5	04/23/21 01:35	
TO-15	o-Xylene	13.9	ug/m3	1.2	04/23/21 01:35	
10554335003	Sewer					
TO-15	Acetone	11.7	ug/m3	8.7	04/23/21 02:02	
TO-15	Benzene	1.5	ug/m3	0.47	04/23/21 02:02	
TO-15	Bromodichloromethane	0.38J	ug/m3	2.0	04/23/21 02:02	
TO-15	2-Butanone (MEK)	3.4J	ug/m3	4.3	04/23/21 02:02	
TO-15	Chloroform	3.9	ug/m3	0.71	04/23/21 02:02	
TO-15	Chloromethane	0.40J	ug/m3	0.60	04/23/21 02:02	
TO-15	Dichlorodifluoromethane	2.2	ug/m3	1.5	04/23/21 02:02	
TO-15	Ethanol	10.3	ug/m3	2.8	04/23/21 02:02	
TO-15	Ethylbenzene	4.7	ug/m3	1.3	04/23/21 02:02	
TO-15	4-Ethyltoluene	3.7	ug/m3	3.6	04/23/21 02:02	
TO-15	n-Heptane	6.8	ug/m3	1.2	04/23/21 02:02	
TO-15	n-Hexane	1.1	ug/m3	1.0	04/23/21 02:02	
TO-15	Naphthalene	3.2J	ug/m3	3.8	04/23/21 02:02	
TO-15	2-Propanol	2.0J	ug/m3	3.6	04/23/21 02:02	
TO-15	Styrene	2.3	ug/m3	1.2	04/23/21 02:02	
TO-15	Tetrachloroethene	44.0	ug/m3	0.99	04/23/21 02:02	
TO-15	Toluene	12.9	ug/m3	1.1	04/23/21 02:02	
TO-15	Trichlorofluoromethane	2.1	ug/m3	1.6	04/23/21 02:02	
TO-15	1,1,2-Trichlorotrifluoroethane	0.55J	ug/m3	2.2	04/23/21 02:02	
TO-15	1,2,4-Trimethylbenzene	10.8	ug/m3	1.4	04/23/21 02:02	
TO-15	1,3,5-Trimethylbenzene	3.0	ug/m3	1.4	04/23/21 02:02	
TO-15	m&p-Xylene	20.8	ug/m3	2.5	04/23/21 02:02	
TO-15	o-Xylene	8.5	ug/m3	1.3	04/23/21 02:02	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 3056-D Former Minocqua Cleaner
Pace Project No.: 10554335

Method: TO-15
Description: TO15 MSV AIR
Client: REI Engineering
Date: April 23, 2021

General Information:

3 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Method Blank:

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

Laboratory Control Spike:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

Sample: VP-1	Lab ID: 10554335001	Collected: 04/02/21 10:41	Received: 04/07/21 13:35	Matrix: Air					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	230	ug/m3	9.2	2.8	1.52		04/23/21 01:07	67-64-1	
Benzene	2.7	ug/m3	0.49	0.17	1.52		04/23/21 01:07	71-43-2	
Benzyl chloride	<1.4	ug/m3	4.0	1.4	1.52		04/23/21 01:07	100-44-7	
Bromodichloromethane	<0.36	ug/m3	2.1	0.36	1.52		04/23/21 01:07	75-27-4	
Bromoform	<2.5	ug/m3	8.0	2.5	1.52		04/23/21 01:07	75-25-2	
Bromomethane	<0.23	ug/m3	1.2	0.23	1.52		04/23/21 01:07	74-83-9	
1,3-Butadiene	<0.18	ug/m3	0.68	0.18	1.52		04/23/21 01:07	106-99-0	
2-Butanone (MEK)	15.2	ug/m3	4.6	0.71	1.52		04/23/21 01:07	78-93-3	
Carbon disulfide	<0.20	ug/m3	0.96	0.20	1.52		04/23/21 01:07	75-15-0	
Carbon tetrachloride	<0.43	ug/m3	1.9	0.43	1.52		04/23/21 01:07	56-23-5	
Chlorobenzene	<0.24	ug/m3	1.4	0.24	1.52		04/23/21 01:07	108-90-7	
Chloroethane	<0.34	ug/m3	0.81	0.34	1.52		04/23/21 01:07	75-00-3	
Chloroform	<0.28	ug/m3	0.75	0.28	1.52		04/23/21 01:07	67-66-3	
Chloromethane	<0.13	ug/m3	0.64	0.13	1.52		04/23/21 01:07	74-87-3	
Cyclohexane	<0.34	ug/m3	2.7	0.34	1.52		04/23/21 01:07	110-82-7	
Dibromochloromethane	<0.78	ug/m3	2.6	0.78	1.52		04/23/21 01:07	124-48-1	
1,2-Dibromoethane (EDB)	<0.46	ug/m3	1.2	0.46	1.52		04/23/21 01:07	106-93-4	
1,2-Dichlorobenzene	<0.62	ug/m3	4.7	0.62	1.52		04/23/21 01:07	95-50-1	
1,3-Dichlorobenzene	<0.77	ug/m3	4.7	0.77	1.52		04/23/21 01:07	541-73-1	
1,4-Dichlorobenzene	<1.3	ug/m3	4.7	1.3	1.52		04/23/21 01:07	106-46-7	
Dichlorodifluoromethane	252	ug/m3	1.5	0.29	1.52		04/23/21 01:07	75-71-8	
1,1-Dichloroethane	<0.25	ug/m3	1.3	0.25	1.52		04/23/21 01:07	75-34-3	
1,2-Dichloroethane	<0.29	ug/m3	1.3	0.29	1.52		04/23/21 01:07	107-06-2	
1,1-Dichloroethene	<0.21	ug/m3	1.2	0.21	1.52		04/23/21 01:07	75-35-4	
cis-1,2-Dichloroethene	<0.30	ug/m3	1.2	0.30	1.52		04/23/21 01:07	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/m3	1.2	0.26	1.52		04/23/21 01:07	156-60-5	
1,2-Dichloropropane	<0.41	ug/m3	1.4	0.41	1.52		04/23/21 01:07	78-87-5	
cis-1,3-Dichloropropene	<0.39	ug/m3	3.5	0.39	1.52		04/23/21 01:07	10061-01-5	
trans-1,3-Dichloropropene	<0.83	ug/m3	3.5	0.83	1.52		04/23/21 01:07	10061-02-6	
Dichlorotetrafluoroethane	<0.31	ug/m3	2.2	0.31	1.52		04/23/21 01:07	76-14-2	
Ethanol	208	ug/m3	2.9	0.90	1.52		04/23/21 01:07	64-17-5	
Ethyl acetate	<0.20	ug/m3	1.1	0.20	1.52		04/23/21 01:07	141-78-6	
Ethylbenzene	12.0	ug/m3	1.3	0.47	1.52		04/23/21 01:07	100-41-4	
4-Ethyltoluene	8.2	ug/m3	3.8	0.72	1.52		04/23/21 01:07	622-96-8	
n-Heptane	7.0	ug/m3	1.3	0.28	1.52		04/23/21 01:07	142-82-5	
Hexachloro-1,3-butadiene	<1.9	ug/m3	8.2	1.9	1.52		04/23/21 01:07	87-68-3	
n-Hexane	2.9	ug/m3	1.1	0.29	1.52		04/23/21 01:07	110-54-3	
2-Hexanone	<0.67	ug/m3	6.3	0.67	1.52		04/23/21 01:07	591-78-6	
Methylene Chloride	<0.90	ug/m3	5.4	0.90	1.52		04/23/21 01:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	3.4J	ug/m3	6.3	0.49	1.52		04/23/21 01:07	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.6	0.19	1.52		04/23/21 01:07	1634-04-4	
Naphthalene	5.0	ug/m3	4.0	3.3	1.52		04/23/21 01:07	91-20-3	
2-Propanol	23.2	ug/m3	3.8	0.77	1.52		04/23/21 01:07	67-63-0	
Propylene	<0.20	ug/m3	1.3	0.20	1.52		04/23/21 01:07	115-07-1	
Styrene	1.7	ug/m3	1.3	0.59	1.52		04/23/21 01:07	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

Sample: VP-1	Lab ID: 10554335001	Collected: 04/02/21 10:41	Received: 04/07/21 13:35	Matrix: Air					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	<0.57	ug/m3	2.1	0.57	1.52		04/23/21 01:07	79-34-5	
Tetrachloroethene	2640	ug/m3	31.4	13.3	45.6		04/23/21 10:09	127-18-4	
Tetrahydrofuran	<0.27	ug/m3	0.91	0.27	1.52		04/23/21 01:07	109-99-9	
Toluene	29.8	ug/m3	1.2	0.37	1.52		04/23/21 01:07	108-88-3	
1,2,4-Trichlorobenzene	<7.4	ug/m3	11.5	7.4	1.52		04/23/21 01:07	120-82-1	
1,1,1-Trichloroethane	0.67J	ug/m3	1.7	0.28	1.52		04/23/21 01:07	71-55-6	
1,1,2-Trichloroethane	<0.30	ug/m3	0.84	0.30	1.52		04/23/21 01:07	79-00-5	
Trichloroethylene	0.41J	ug/m3	1.7	0.30	1.52		04/23/21 01:07	79-01-6	
Trichlorofluoromethane	2.3	ug/m3	1.7	0.35	1.52		04/23/21 01:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.87J	ug/m3	2.4	0.44	1.52		04/23/21 01:07	76-13-1	
1,2,4-Trimethylbenzene	24.5	ug/m3	1.5	0.54	1.52		04/23/21 01:07	95-63-6	
1,3,5-Trimethylbenzene	7.0	ug/m3	1.5	0.44	1.52		04/23/21 01:07	108-67-8	
Vinyl acetate	<0.32	ug/m3	1.1	0.32	1.52		04/23/21 01:07	108-05-4	
Vinyl chloride	<0.13	ug/m3	0.40	0.13	1.52		04/23/21 01:07	75-01-4	
m&p-Xylene	50.0	ug/m3	2.7	0.98	1.52		04/23/21 01:07	179601-23-1	
o-Xylene	20.5	ug/m3	1.3	0.41	1.52		04/23/21 01:07	95-47-6	
<hr/>									
Sample: VP-2	Lab ID: 10554335002	Collected: 04/02/21 11:32	Received: 04/07/21 13:35	Matrix: Air					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	174	ug/m3	8.5	2.6	1.41		04/23/21 01:35	67-64-1	
Benzene	2.8	ug/m3	0.46	0.16	1.41		04/23/21 01:35	71-43-2	
Benzyl chloride	<1.3	ug/m3	3.7	1.3	1.41		04/23/21 01:35	100-44-7	
Bromodichloromethane	<0.33	ug/m3	1.9	0.33	1.41		04/23/21 01:35	75-27-4	
Bromoform	<2.3	ug/m3	7.4	2.3	1.41		04/23/21 01:35	75-25-2	
Bromomethane	<0.21	ug/m3	1.1	0.21	1.41		04/23/21 01:35	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.63	0.17	1.41		04/23/21 01:35	106-99-0	
2-Butanone (MEK)	9.8	ug/m3	4.2	0.66	1.41		04/23/21 01:35	78-93-3	
Carbon disulfide	3.4	ug/m3	0.89	0.18	1.41		04/23/21 01:35	75-15-0	
Carbon tetrachloride	<0.39	ug/m3	1.8	0.39	1.41		04/23/21 01:35	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.3	0.22	1.41		04/23/21 01:35	108-90-7	
Chloroethane	<0.32	ug/m3	0.76	0.32	1.41		04/23/21 01:35	75-00-3	
Chloroform	<0.26	ug/m3	0.70	0.26	1.41		04/23/21 01:35	67-66-3	
Chloromethane	<0.12	ug/m3	0.59	0.12	1.41		04/23/21 01:35	74-87-3	
Cyclohexane	<0.31	ug/m3	2.5	0.31	1.41		04/23/21 01:35	110-82-7	
Dibromochloromethane	<0.73	ug/m3	2.4	0.73	1.41		04/23/21 01:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.42	ug/m3	1.1	0.42	1.41		04/23/21 01:35	106-93-4	
1,2-Dichlorobenzene	<0.57	ug/m3	4.3	0.57	1.41		04/23/21 01:35	95-50-1	
1,3-Dichlorobenzene	1.2J	ug/m3	4.3	0.72	1.41		04/23/21 01:35	541-73-1	
1,4-Dichlorobenzene	<1.2	ug/m3	4.3	1.2	1.41		04/23/21 01:35	106-46-7	

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ANALYTICAL RESULTS

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

Sample: VP-2	Lab ID: 10554335002	Collected: 04/02/21 11:32	Received: 04/07/21 13:35	Matrix: Air					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	138	ug/m3	1.4	0.27	1.41		04/23/21 01:35	75-71-8	
1,1-Dichloroethane	<0.23	ug/m3	1.2	0.23	1.41		04/23/21 01:35	75-34-3	
1,2-Dichloroethane	<0.27	ug/m3	1.2	0.27	1.41		04/23/21 01:35	107-06-2	
1,1-Dichloroethene	<0.19	ug/m3	1.1	0.19	1.41		04/23/21 01:35	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/m3	1.1	0.27	1.41		04/23/21 01:35	156-59-2	
trans-1,2-Dichloroethene	0.24J	ug/m3	1.1	0.24	1.41		04/23/21 01:35	156-60-5	
1,2-Dichloropropane	<0.38	ug/m3	1.3	0.38	1.41		04/23/21 01:35	78-87-5	
cis-1,3-Dichloropropene	<0.36	ug/m3	3.3	0.36	1.41		04/23/21 01:35	10061-01-5	
trans-1,3-Dichloropropene	<0.77	ug/m3	3.3	0.77	1.41		04/23/21 01:35	10061-02-6	
Dichlorotetrafluoroethane	<0.28	ug/m3	2.0	0.28	1.41		04/23/21 01:35	76-14-2	
Ethanol	145	ug/m3	2.7	0.83	1.41		04/23/21 01:35	64-17-5	
Ethyl acetate	<0.18	ug/m3	1.0	0.18	1.41		04/23/21 01:35	141-78-6	
Ethylbenzene	7.9	ug/m3	1.2	0.44	1.41		04/23/21 01:35	100-41-4	
4-Ethyltoluene	5.9	ug/m3	3.5	0.67	1.41		04/23/21 01:35	622-96-8	
n-Heptane	4.6	ug/m3	1.2	0.26	1.41		04/23/21 01:35	142-82-5	
Hexachloro-1,3-butadiene	<1.7	ug/m3	7.6	1.7	1.41		04/23/21 01:35	87-68-3	
n-Hexane	5.2	ug/m3	1.0	0.27	1.41		04/23/21 01:35	110-54-3	
2-Hexanone	<0.62	ug/m3	5.9	0.62	1.41		04/23/21 01:35	591-78-6	
Methylene Chloride	<0.84	ug/m3	5.0	0.84	1.41		04/23/21 01:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	1.9J	ug/m3	5.9	0.45	1.41		04/23/21 01:35	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/m3	5.2	0.18	1.41		04/23/21 01:35	1634-04-4	
Naphthalene	3.9	ug/m3	3.8	3.1	1.41		04/23/21 01:35	91-20-3	
2-Propanol	25.1	ug/m3	3.5	0.72	1.41		04/23/21 01:35	67-63-0	
Propylene	1.5	ug/m3	1.2	0.18	1.41		04/23/21 01:35	115-07-1	
Styrene	3.4	ug/m3	1.2	0.54	1.41		04/23/21 01:35	100-42-5	
1,1,2,2-Tetrachloroethane	<0.52	ug/m3	2.0	0.52	1.41		04/23/21 01:35	79-34-5	
Tetrachloroethene	603	ug/m3	9.7	4.1	14.1		04/23/21 09:44	127-18-4	
Tetrahydrofuran	4.6	ug/m3	0.85	0.25	1.41		04/23/21 01:35	109-99-9	
Toluene	23.8	ug/m3	1.1	0.34	1.41		04/23/21 01:35	108-88-3	
1,2,4-Trichlorobenzene	<6.9	ug/m3	10.6	6.9	1.41		04/23/21 01:35	120-82-1	
1,1,1-Trichloroethane	<0.26	ug/m3	1.6	0.26	1.41		04/23/21 01:35	71-55-6	
1,1,2-Trichloroethane	<0.28	ug/m3	0.78	0.28	1.41		04/23/21 01:35	79-00-5	
Trichloroethene	0.42J	ug/m3	1.5	0.28	1.41		04/23/21 01:35	79-01-6	
Trichlorofluoromethane	1.5J	ug/m3	1.6	0.33	1.41		04/23/21 01:35	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.50J	ug/m3	2.2	0.41	1.41		04/23/21 01:35	76-13-1	
1,2,4-Trimethylbenzene	17.8	ug/m3	1.4	0.50	1.41		04/23/21 01:35	95-63-6	
1,3,5-Trimethylbenzene	5.3	ug/m3	1.4	0.41	1.41		04/23/21 01:35	108-67-8	
Vinyl acetate	<0.29	ug/m3	1.0	0.29	1.41		04/23/21 01:35	108-05-4	
Vinyl chloride	<0.12	ug/m3	0.37	0.12	1.41		04/23/21 01:35	75-01-4	
m&p-Xylene	32.9	ug/m3	2.5	0.91	1.41		04/23/21 01:35	179601-23-1	
o-Xylene	13.9	ug/m3	1.2	0.38	1.41		04/23/21 01:35	95-47-6	

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ANALYTICAL RESULTS

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

Sample: Sewer	Lab ID: 10554335003	Collected: 04/02/21 11:42	Received: 04/07/21 13:35	Matrix: Air					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	11.7	ug/m3	8.7	2.6	1.44		04/23/21 02:02	67-64-1	
Benzene	1.5	ug/m3	0.47	0.16	1.44		04/23/21 02:02	71-43-2	
Benzyl chloride	<1.3	ug/m3	3.8	1.3	1.44		04/23/21 02:02	100-44-7	
Bromodichloromethane	0.38J	ug/m3	2.0	0.34	1.44		04/23/21 02:02	75-27-4	
Bromoform	<2.3	ug/m3	7.6	2.3	1.44		04/23/21 02:02	75-25-2	
Bromomethane	<0.22	ug/m3	1.1	0.22	1.44		04/23/21 02:02	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.65	0.17	1.44		04/23/21 02:02	106-99-0	
2-Butanone (MEK)	3.4J	ug/m3	4.3	0.67	1.44		04/23/21 02:02	78-93-3	
Carbon disulfide	<0.19	ug/m3	0.91	0.19	1.44		04/23/21 02:02	75-15-0	
Carbon tetrachloride	<0.40	ug/m3	1.8	0.40	1.44		04/23/21 02:02	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.3	0.22	1.44		04/23/21 02:02	108-90-7	
Chloroethane	<0.32	ug/m3	0.77	0.32	1.44		04/23/21 02:02	75-00-3	
Chloroform	3.9	ug/m3	0.71	0.26	1.44		04/23/21 02:02	67-66-3	
Chloromethane	0.40J	ug/m3	0.60	0.12	1.44		04/23/21 02:02	74-87-3	
Cyclohexane	<0.32	ug/m3	2.5	0.32	1.44		04/23/21 02:02	110-82-7	
Dibromochloromethane	<0.74	ug/m3	2.5	0.74	1.44		04/23/21 02:02	124-48-1	
1,2-Dibromoethane (EDB)	<0.43	ug/m3	1.1	0.43	1.44		04/23/21 02:02	106-93-4	
1,2-Dichlorobenzene	<0.58	ug/m3	4.4	0.58	1.44		04/23/21 02:02	95-50-1	
1,3-Dichlorobenzene	<0.73	ug/m3	4.4	0.73	1.44		04/23/21 02:02	541-73-1	
1,4-Dichlorobenzene	<1.3	ug/m3	4.4	1.3	1.44		04/23/21 02:02	106-46-7	
Dichlorodifluoromethane	2.2	ug/m3	1.5	0.27	1.44		04/23/21 02:02	75-71-8	
1,1-Dichloroethane	<0.24	ug/m3	1.2	0.24	1.44		04/23/21 02:02	75-34-3	
1,2-Dichloroethane	<0.28	ug/m3	1.2	0.28	1.44		04/23/21 02:02	107-06-2	
1,1-Dichloroethene	<0.20	ug/m3	1.2	0.20	1.44		04/23/21 02:02	75-35-4	
cis-1,2-Dichloroethene	<0.28	ug/m3	1.2	0.28	1.44		04/23/21 02:02	156-59-2	
trans-1,2-Dichloroethene	<0.24	ug/m3	1.2	0.24	1.44		04/23/21 02:02	156-60-5	
1,2-Dichloropropane	<0.39	ug/m3	1.4	0.39	1.44		04/23/21 02:02	78-87-5	
cis-1,3-Dichloropropene	<0.37	ug/m3	3.3	0.37	1.44		04/23/21 02:02	10061-01-5	
trans-1,3-Dichloropropene	<0.78	ug/m3	3.3	0.78	1.44		04/23/21 02:02	10061-02-6	
Dichlorotetrafluoroethane	<0.29	ug/m3	2.0	0.29	1.44		04/23/21 02:02	76-14-2	
Ethanol	10.3	ug/m3	2.8	0.85	1.44		04/23/21 02:02	64-17-5	
Ethyl acetate	<0.19	ug/m3	1.1	0.19	1.44		04/23/21 02:02	141-78-6	
Ethylbenzene	4.7	ug/m3	1.3	0.44	1.44		04/23/21 02:02	100-41-4	
4-Ethyltoluene	3.7	ug/m3	3.6	0.68	1.44		04/23/21 02:02	622-96-8	
n-Heptane	6.8	ug/m3	1.2	0.26	1.44		04/23/21 02:02	142-82-5	
Hexachloro-1,3-butadiene	<1.8	ug/m3	7.8	1.8	1.44		04/23/21 02:02	87-68-3	
n-Hexane	1.1	ug/m3	1.0	0.28	1.44		04/23/21 02:02	110-54-3	
2-Hexanone	<0.64	ug/m3	6.0	0.64	1.44		04/23/21 02:02	591-78-6	
Methylene Chloride	<0.85	ug/m3	5.1	0.85	1.44		04/23/21 02:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.46	ug/m3	6.0	0.46	1.44		04/23/21 02:02	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/m3	5.3	0.18	1.44		04/23/21 02:02	1634-04-4	
Naphthalene	3.2J	ug/m3	3.8	3.1	1.44		04/23/21 02:02	91-20-3	
2-Propanol	2.0J	ug/m3	3.6	0.73	1.44		04/23/21 02:02	67-63-0	
Propylene	<0.19	ug/m3	1.3	0.19	1.44		04/23/21 02:02	115-07-1	
Styrene	2.3	ug/m3	1.2	0.55	1.44		04/23/21 02:02	100-42-5	

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ANALYTICAL RESULTS

Project: 3056-D Former Minocqua Cleaner
Pace Project No.: 10554335

Sample: Sewer	Lab ID: 10554335003	Collected: 04/02/21 11:42	Received: 04/07/21 13:35	Matrix: Air					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	<0.54	ug/m3	2.0	0.54	1.44		04/23/21 02:02	79-34-5	
Tetrachloroethene	44.0	ug/m3	0.99	0.42	1.44		04/23/21 02:02	127-18-4	
Tetrahydrofuran	<0.26	ug/m3	0.86	0.26	1.44		04/23/21 02:02	109-99-9	
Toluene	12.9	ug/m3	1.1	0.35	1.44		04/23/21 02:02	108-88-3	
1,2,4-Trichlorobenzene	<7.0	ug/m3	10.9	7.0	1.44		04/23/21 02:02	120-82-1	
1,1,1-Trichloroethane	<0.27	ug/m3	1.6	0.27	1.44		04/23/21 02:02	71-55-6	
1,1,2-Trichloroethane	<0.28	ug/m3	0.80	0.28	1.44		04/23/21 02:02	79-00-5	
Trichloroethylene	<0.28	ug/m3	1.6	0.28	1.44		04/23/21 02:02	79-01-6	
Trichlorofluoromethane	2.1	ug/m3	1.6	0.34	1.44		04/23/21 02:02	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.55J	ug/m3	2.2	0.42	1.44		04/23/21 02:02	76-13-1	
1,2,4-Trimethylbenzene	10.8	ug/m3	1.4	0.51	1.44		04/23/21 02:02	95-63-6	
1,3,5-Trimethylbenzene	3.0	ug/m3	1.4	0.42	1.44		04/23/21 02:02	108-67-8	
Vinyl acetate	<0.30	ug/m3	1.0	0.30	1.44		04/23/21 02:02	108-05-4	
Vinyl chloride	<0.12	ug/m3	0.37	0.12	1.44		04/23/21 02:02	75-01-4	
m&p-Xylene	20.8	ug/m3	2.5	0.92	1.44		04/23/21 02:02	179601-23-1	
o-Xylene	8.5	ug/m3	1.3	0.39	1.44		04/23/21 02:02	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

QC Batch:	736871	Analysis Method:	TO-15
QC Batch Method:	TO-15	Analysis Description:	TO15 MSV AIR Low Level
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples: 10554335001, 10554335002, 10554335003			

METHOD BLANK: 3929525 Matrix: Air

Associated Lab Samples: 10554335001, 10554335002, 10554335003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.19	1.1	04/22/21 09:17	
1,1,2,2-Tetrachloroethane	ug/m3	<0.37	1.4	04/22/21 09:17	
1,1,2-Trichloroethane	ug/m3	<0.20	0.56	04/22/21 09:17	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.29	1.6	04/22/21 09:17	
1,1-Dichloroethane	ug/m3	<0.16	0.82	04/22/21 09:17	
1,1-Dichloroethene	ug/m3	<0.14	0.81	04/22/21 09:17	
1,2,4-Trichlorobenzene	ug/m3	<4.9	7.5	04/22/21 09:17	
1,2,4-Trimethylbenzene	ug/m3	<0.35	1.0	04/22/21 09:17	
1,2-Dibromoethane (EDB)	ug/m3	<0.30	0.78	04/22/21 09:17	
1,2-Dichlorobenzene	ug/m3	<0.40	3.1	04/22/21 09:17	
1,2-Dichloroethane	ug/m3	<0.19	0.82	04/22/21 09:17	
1,2-Dichloropropane	ug/m3	<0.27	0.94	04/22/21 09:17	
1,3,5-Trimethylbenzene	ug/m3	<0.29	1.0	04/22/21 09:17	
1,3-Butadiene	ug/m3	<0.12	0.45	04/22/21 09:17	
1,3-Dichlorobenzene	ug/m3	<0.51	3.1	04/22/21 09:17	
1,4-Dichlorobenzene	ug/m3	<0.88	3.1	04/22/21 09:17	
2-Butanone (MEK)	ug/m3	<0.46	3.0	04/22/21 09:17	
2-Hexanone	ug/m3	<0.44	4.2	04/22/21 09:17	
2-Propanol	ug/m3	<0.51	2.5	04/22/21 09:17	
4-Ethyltoluene	ug/m3	<0.47	2.5	04/22/21 09:17	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.32	4.2	04/22/21 09:17	
Acetone	ug/m3	<1.8	6.0	04/22/21 09:17	
Benzene	ug/m3	<0.11	0.32	04/22/21 09:17	
Benzyl chloride	ug/m3	<0.89	2.6	04/22/21 09:17	
Bromodichloromethane	ug/m3	<0.24	1.4	04/22/21 09:17	
Bromoform	ug/m3	<1.6	5.2	04/22/21 09:17	
Bromomethane	ug/m3	<0.15	0.79	04/22/21 09:17	
Carbon disulfide	ug/m3	<0.13	0.63	04/22/21 09:17	
Carbon tetrachloride	ug/m3	<0.28	1.3	04/22/21 09:17	
Chlorobenzene	ug/m3	<0.16	0.94	04/22/21 09:17	
Chloroethane	ug/m3	<0.22	0.54	04/22/21 09:17	
Chloroform	ug/m3	<0.18	0.50	04/22/21 09:17	
Chloromethane	ug/m3	<0.085	0.42	04/22/21 09:17	
cis-1,2-Dichloroethene	ug/m3	<0.20	0.81	04/22/21 09:17	
cis-1,3-Dichloropropene	ug/m3	<0.26	2.3	04/22/21 09:17	
Cyclohexane	ug/m3	<0.22	1.8	04/22/21 09:17	
Dibromochloromethane	ug/m3	<0.52	1.7	04/22/21 09:17	
Dichlorodifluoromethane	ug/m3	<0.19	1.0	04/22/21 09:17	
Dichlorotetrafluoroethane	ug/m3	<0.20	1.4	04/22/21 09:17	
Ethanol	ug/m3	<0.59	1.9	04/22/21 09:17	

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QUALITY CONTROL DATA

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

METHOD BLANK: 3929525

Matrix: Air

Associated Lab Samples: 10554335001, 10554335002, 10554335003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.13	0.73	04/22/21 09:17	
Ethylbenzene	ug/m3	<0.31	0.88	04/22/21 09:17	
Hexachloro-1,3-butadiene	ug/m3	<1.2	5.4	04/22/21 09:17	
m&p-Xylene	ug/m3	<0.64	1.8	04/22/21 09:17	
Methyl-tert-butyl ether	ug/m3	<0.13	3.7	04/22/21 09:17	
Methylene Chloride	ug/m3	<0.59	3.5	04/22/21 09:17	
n-Heptane	ug/m3	<0.18	0.83	04/22/21 09:17	
n-Hexane	ug/m3	<0.19	0.72	04/22/21 09:17	
Naphthalene	ug/m3	<2.2	2.7	04/22/21 09:17	
o-Xylene	ug/m3	<0.27	0.88	04/22/21 09:17	
Propylene	ug/m3	<0.13	0.88	04/22/21 09:17	
Styrene	ug/m3	<0.38	0.87	04/22/21 09:17	
Tetrachloroethene	ug/m3	<0.29	0.69	04/22/21 09:17	
Tetrahydrofuran	ug/m3	<0.18	0.60	04/22/21 09:17	
Toluene	ug/m3	<0.24	0.77	04/22/21 09:17	
trans-1,2-Dichloroethene	ug/m3	0.17J	0.81	04/22/21 09:17	
trans-1,3-Dichloropropene	ug/m3	<0.54	2.3	04/22/21 09:17	
Trichloroethene	ug/m3	<0.20	1.1	04/22/21 09:17	MN
Trichlorofluoromethane	ug/m3	<0.23	1.1	04/22/21 09:17	
Vinyl acetate	ug/m3	<0.21	0.72	04/22/21 09:17	
Vinyl chloride	ug/m3	<0.087	0.26	04/22/21 09:17	

LABORATORY CONTROL SAMPLE: 3929526

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	57.7	97	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	75.4	87.3	116	70-132	
1,1,2-Trichloroethane	ug/m3	59.6	67.2	113	70-134	
1,1,2-Trichlorotrifluoroethane	ug/m3	83.6	82.9	99	70-130	
1,1-Dichloroethane	ug/m3	43.9	44.1	100	70-133	
1,1-Dichloroethene	ug/m3	43.5	43.0	99	70-130	
1,2,4-Trichlorobenzene	ug/m3	177	178	100	69-132	
1,2,4-Trimethylbenzene	ug/m3	54	57.9	107	70-142	
1,2-Dibromoethane (EDB)	ug/m3	82.5	96.0	116	70-138	
1,2-Dichlorobenzene	ug/m3	66.2	69.6	105	70-146	
1,2-Dichloroethane	ug/m3	44.4	44.5	100	70-132	
1,2-Dichloropropane	ug/m3	50.6	56.2	111	70-134	
1,3,5-Trimethylbenzene	ug/m3	53.7	58.0	108	70-143	
1,3-Butadiene	ug/m3	24.2	23.2	96	70-136	
1,3-Dichlorobenzene	ug/m3	66.3	69.6	105	70-145	
1,4-Dichlorobenzene	ug/m3	66.3	67.9	103	70-140	
2-Butanone (MEK)	ug/m3	32.3	40.6	126	50-139	
2-Hexanone	ug/m3	44.8	49.2	110	70-148	
2-Propanol	ug/m3	149	139	93	67-135	

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QUALITY CONTROL DATA

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

LABORATORY CONTROL SAMPLE: 3929526

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m ³	53.7	58.7	109	70-145	
4-Methyl-2-pentanone (MIBK)	ug/m ³	44.9	52.6	117	70-139	
Acetone	ug/m ³	128	110	86	64-130	
Benzene	ug/m ³	34.8	36.9	106	70-131	
Benzyl chloride	ug/m ³	57.6	64.9	113	70-130	
Bromodichloromethane	ug/m ³	73.1	79.9	109	70-133	
Bromoform	ug/m ³	114	134	118	70-137	
Bromomethane	ug/m ³	42.5	44.1	104	64-134	
Carbon disulfide	ug/m ³	34.4	36.7	107	70-131	
Carbon tetrachloride	ug/m ³	69.4	74.8	108	70-131	
Chlorobenzene	ug/m ³	50.2	55.0	110	70-130	
Chloroethane	ug/m ³	28.8	31.0	107	69-141	
Chloroform	ug/m ³	52.4	53.5	102	70-130	
Chloromethane	ug/m ³	22.6	20.9	93	70-130	
cis-1,2-Dichloroethene	ug/m ³	43.4	47.8	110	70-137	
cis-1,3-Dichloropropene	ug/m ³	49.4	61.0	124	70-144	
Cyclohexane	ug/m ³	37.4	44.7	119	70-137	
Dibromochloromethane	ug/m ³	93.2	110	118	70-132	
Dichlorodifluoromethane	ug/m ³	54.6	54.0	99	70-130	
Dichlorotetrafluoroethane	ug/m ³	71.2	69.7	98	70-130	
Ethanol	ug/m ³	124	114	92	63-133	
Ethyl acetate	ug/m ³	38.9	40.7	105	70-136	
Ethylbenzene	ug/m ³	47.8	57.5	120	70-142	
Hexachloro-1,3-butadiene	ug/m ³	133	144	109	70-135	
m&p-Xylene	ug/m ³	95.4	117	123	70-141	
Methyl-tert-butyl ether	ug/m ³	39.6	44.1	111	70-143	
Methylene Chloride	ug/m ³	190	175	92	70-130	
n-Heptane	ug/m ³	44.6	48.2	108	70-137	
n-Hexane	ug/m ³	38	40.6	107	70-135	
Naphthalene	ug/m ³	65.2	65.8	101	67-132	
o-Xylene	ug/m ³	47.6	57.5	121	70-141	
Propylene	ug/m ³	18.9	18.4	98	70-130	
Styrene	ug/m ³	47	53.4	114	70-142	
Tetrachloroethene	ug/m ³	73.4	79.9	109	70-130	
Tetrahydrofuran	ug/m ³	32.1	35.9	112	70-136	
Toluene	ug/m ³	41.6	50.1	121	70-138	
trans-1,2-Dichloroethene	ug/m ³	43.6	49.6	114	70-130	
trans-1,3-Dichloropropene	ug/m ³	50.5	64.8	128	70-145	
Trichloroethene	ug/m ³	58.4	65.0	111	70-130	
Trichlorofluoromethane	ug/m ³	62	58.1	94	69-135	
Vinyl acetate	ug/m ³	46.4	50.6	109	70-146	
Vinyl chloride	ug/m ³	28	28.8	103	70-137	

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QUALITY CONTROL DATA

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

SAMPLE DUPLICATE: 3930745

Parameter	Units	10553359001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m ³	<0.35	<0.35		25	
1,1,2,2-Tetrachloroethane	ug/m ³	<0.70	<0.70		25	
1,1,2-Trichloroethane	ug/m ³	<0.37	<0.37		25	
1,1,2-Trichlorotrifluoroethane	ug/m ³	0.54J	<0.54		25	
1,1-Dichloroethane	ug/m ³	<0.31	<0.31		25	
1,1-Dichloroethene	ug/m ³	<0.26	<0.26		25	
1,2,4-Trichlorobenzene	ug/m ³	<9.1	<9.1		25	
1,2,4-Trimethylbenzene	ug/m ³	7.7	7.7	0	25	
1,2-Dibromoethane (EDB)	ug/m ³	<0.56	<0.56		25	
1,2-Dichlorobenzene	ug/m ³	<0.76	<0.76		25	
1,2-Dichloroethane	ug/m ³	<0.36	<0.36		25	
1,2-Dichloropropane	ug/m ³	<0.50	<0.50		25	
1,3,5-Trimethylbenzene	ug/m ³	2.7	2.6	3	25	
1,3-Butadiene	ug/m ³	<0.22	<0.22		25	
1,3-Dichlorobenzene	ug/m ³	<0.95	<0.95		25	
1,4-Dichlorobenzene	ug/m ³	<1.6	<1.6		25	
2-Butanone (MEK)	ug/m ³	3.1J	4.6J		25	
2-Hexanone	ug/m ³	<0.83	<0.83		25	
2-Propanol	ug/m ³	11.6	10.2	13	25	
4-Ethyltoluene	ug/m ³	2.9J	2.8J		25	
4-Methyl-2-pentanone (MIBK)	ug/m ³	<0.60	<0.60		25	
Acetone	ug/m ³	15.5	13.4	15	25	
Benzene	ug/m ³	5.2	5.0	5	25	
Benzyl chloride	ug/m ³	<1.7	<1.7		25	
Bromodichloromethane	ug/m ³	<0.44	<0.44		25	
Bromoform	ug/m ³	<3.0	<3.0		25	
Bromomethane	ug/m ³	<0.28	<0.28		25	
Carbon disulfide	ug/m ³	<0.24	<0.24		25	
Carbon tetrachloride	ug/m ³	<0.52	<0.52		25	
Chlorobenzene	ug/m ³	<0.29	<0.29		25	
Chloroethane	ug/m ³	<0.42	<0.42		25	
Chloroform	ug/m ³	1.0	1.0	2	25	
Chloromethane	ug/m ³	0.96	0.56J		25	
cis-1,2-Dichloroethene	ug/m ³	<0.36	<0.36		25	
cis-1,3-Dichloropropene	ug/m ³	<0.48	<0.48		25	
Cyclohexane	ug/m ³	3.4	3.3	3	25	
Dibromochloromethane	ug/m ³	<0.96	<0.96		25	
Dichlorodifluoromethane	ug/m ³	2.8	1.7J		25	
Dichlorotetrafluoroethane	ug/m ³	<0.38	<0.38		25	
Ethanol	ug/m ³	402	337	18	25	
Ethyl acetate	ug/m ³	<0.24	<0.24		25	
Ethylbenzene	ug/m ³	7.8	7.5	4	25	
Hexachloro-1,3-butadiene	ug/m ³	<2.3	<2.3		25	
m&p-Xylene	ug/m ³	30.5	29.5	3	25	
Methyl-tert-butyl ether	ug/m ³	<0.24	<0.24		25	
Methylene Chloride	ug/m ³	<1.1	<1.1		25	
n-Heptane	ug/m ³	<0.34	6.5		25	

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QUALITY CONTROL DATA

Project: 3056-D Former Minocqua Cleaner

Pace Project No.: 10554335

SAMPLE DUPLICATE: 3930745

Parameter	Units	10553359001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	7.4	7.1	4	25	
Naphthalene	ug/m3	<4.1	<4.1		25	
o-Xylene	ug/m3	10.8	10.4	3	25	
Propylene	ug/m3	<0.24	<0.24		25	
Styrene	ug/m3	3.3	2.8	15	25	
Tetrachloroethene	ug/m3	<0.55	<0.55		25	
Tetrahydrofuran	ug/m3	0.98J	2.0		25	
Toluene	ug/m3	32.5	31.3	4	25	
trans-1,2-Dichloroethene	ug/m3	<0.31	<0.31		25	
trans-1,3-Dichloropropene	ug/m3	<1.0	<1.0		25	
Trichloroethene	ug/m3	<0.37	<0.37		25	
Trichlorofluoromethane	ug/m3	2.5	2.2	12	25	
Vinyl acetate	ug/m3	<0.39	<0.39		25	
Vinyl chloride	ug/m3	<0.16	<0.16		25	

SAMPLE DUPLICATE: 3930746

Parameter	Units	10553359003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.37	<0.37		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.74	<0.74		25	
1,1,2-Trichloroethane	ug/m3	<0.39	<0.39		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.71J	0.71J		25	
1,1-Dichloroethane	ug/m3	<0.33	<0.33		25	
1,1-Dichloroethene	ug/m3	<0.27	<0.27		25	
1,2,4-Trichlorobenzene	ug/m3	<9.7	<9.7		25	
1,2,4-Trimethylbenzene	ug/m3	4.4	4.3	3	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.59	<0.59		25	
1,2-Dichlorobenzene	ug/m3	<0.80	<0.80		25	
1,2-Dichloroethane	ug/m3	<0.38	<0.38		25	
1,2-Dichloropropane	ug/m3	<0.53	<0.53		25	
1,3,5-Trimethylbenzene	ug/m3	1.7J	1.6J		25	
1,3-Butadiene	ug/m3	<0.24	<0.24		25	
1,3-Dichlorobenzene	ug/m3	3.3J	3.3J		25	
1,4-Dichlorobenzene	ug/m3	<1.7	<1.7		25	
2-Butanone (MEK)	ug/m3	8.6	9.0	5	25	
2-Hexanone	ug/m3	<0.88	<0.88		25	
2-Propanol	ug/m3	64.0	68.3	6	25	
4-Ethyltoluene	ug/m3	1.9J	1.9J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.64	<0.64		25	
Acetone	ug/m3	63.3	68.8	8	25	
Benzene	ug/m3	1.3	1.3	0	25	
Benzyl chloride	ug/m3	<1.8	<1.8		25	
Bromodichloromethane	ug/m3	<0.47	<0.47		25	
Bromoform	ug/m3	<3.2	<3.2		25	
Bromomethane	ug/m3	<0.30	<0.30		25	

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QUALITY CONTROL DATA

Project: 3056-D Former Minocqua Cleaner
Pace Project No.: 10554335

SAMPLE DUPLICATE: 3930746

Parameter	Units	10553359003 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m ³	<0.26	<0.26		25	
Carbon tetrachloride	ug/m ³	<0.55	<0.55		25	
Chlorobenzene	ug/m ³	<0.31	<0.31		25	
Chloroethane	ug/m ³	<0.44	<0.44		25	
Chloroform	ug/m ³	<0.36	<0.36		25	
Chloromethane	ug/m ³	<0.17	<0.17		25	
cis-1,2-Dichloroethene	ug/m ³	<0.39	<0.39		25	
cis-1,3-Dichloropropene	ug/m ³	<0.50	<0.50		25	
Cyclohexane	ug/m ³	4.4	4.4	1	25	
Dibromochloromethane	ug/m ³	<1.0	<1.0		25	
Dichlorodifluoromethane	ug/m ³	1.8J	2.0J		25	
Dichlorotetrafluoroethane	ug/m ³	<0.40	<0.40		25	
Ethanol	ug/m ³	230	250	8	25	
Ethyl acetate	ug/m ³	2.4	2.4	2	25	
Ethylbenzene	ug/m ³	3.4	3.4	0	25	
Hexachloro-1,3-butadiene	ug/m ³	<2.4	<2.4		25	
m&p-Xylene	ug/m ³	13.4	13.4	1	25	
Methyl-tert-butyl ether	ug/m ³	<0.25	0.26J		25	
Methylene Chloride	ug/m ³	<1.2	<1.2		25	
n-Heptane	ug/m ³	<0.36	<0.36		25	
n-Hexane	ug/m ³	0.91J	0.98J		25	
Naphthalene	ug/m ³	<4.3	<4.3		25	
o-Xylene	ug/m ³	5.2	5.4	3	25	
Propylene	ug/m ³	<0.26	<0.26		25	
Styrene	ug/m ³	1.2J	1.2J		25	
Tetrachloroethene	ug/m ³	1.5	1.5	2	25	
Tetrahydrofuran	ug/m ³	7.1	7.4	3	25	
Toluene	ug/m ³	11.4	11.3	1	25	
trans-1,2-Dichloroethene	ug/m ³	0.40J	<0.33		25	
trans-1,3-Dichloropropene	ug/m ³	<1.1	<1.1		25	
Trichloroethene	ug/m ³	<0.39	<0.39		25	
Trichlorofluoromethane	ug/m ³	1.6J	1.7J		25	
Vinyl acetate	ug/m ³	<0.41	<0.41		25	
Vinyl chloride	ug/m ³	<0.17	<0.17		25	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 3056-D Former Minocqua Cleaner
Pace Project No.: 10554335

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

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 3056-D Former Minocqua Cleaner
 Pace Project No.: 10554335

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10554335001	VP-1	TO-15	736871		
10554335002	VP-2	TO-15	736871		
10554335003	Sewer	TO-15	736871		

REPORT OF LABORATORY ANALYSIS

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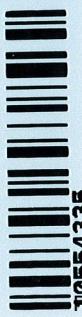
AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

48719

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Design Engineering, Inc.	Report To: Dave Lurkin	Attention: Dave Lurkin	Copy To:	Company Name: NEI	Program: <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act
Address: 100 S 2nd St Ste 1000				Address: 100 S 2nd St	<input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other
Email To: Ward.L.Sullivan@OLAPSERVING.COM	Purchase Order No:		Pace Quote Reference:	Location of Sampling by State: WI	Reporting Units: <input type="checkbox"/> mg/m ³ <input type="checkbox"/> PPBV <input type="checkbox"/> Other
Phone: 715 675 9781	Project Name: Fox River Mission (1/2028)	Project Number: 3056-0	Pace Project Manager/Sales Rep.: 32928	Report Level: II	<input type="checkbox"/> Short List <input type="checkbox"/> Other
Requested Due Date/TAT:					
Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE					
#	ITEM	Valid Media Codes	MEDIA CODE	PID Reading (Client only)	Final Field - in Hg
1	V#-1	Telial Bag	TB	4/16/21 1041	27 3 266 61247
2	V#-2	1 Liter Summa Can	1LC	4/16/21 1132	29 3 1475 0659
3	Sum	6 Liter Summa Can	6LC	4/16/21	29 3 436 1163
4		Low Volume Puff	LVP		
5		High Volume Puff	HVP		
6		Other	PM10		
7					
8					
9					
10					
11					
12					
RELINQUISHED BY / AFFILIATION DATE: 4/16/21 TIME: 1500 ACCEPTED BY / AFFILIATION: NEI Office DATE: 4/17/21 TIME: 1335 - 2028 Comments: ✓					
SAMPLE CONDITIONS Temp in °C: 20 Received on: 4/16/21 Sealed Container: Y/N Samples intact: Y/N Custodial cooler: Y/N Received in: Y/N Y/N Y/N Y/N Y/N Y/N PRINT name of SAMPLER: Chase Lurkin DATE Signed (MM/DD/YY): 04/02/21 SIGNATURE of SAMPLER: Chase Lurkin					

WO# : 10554335



ORIGINAL



Document Name: Sample Condition Upon Receipt (SCUR) - Air	Document Revised: 24Mar2020 Page 1 of 1
Document No.: ENV-FRM-MIN4-0113 Rev.00	Pace Analytical Services - Minneapolis

Air Sample Condition Upon ReceiptClient Name: **REI Eng.**Project #: **WO# : 10554335**Courier: FedEx UPS USPS Client
 Pace SpeedDee Commercial See ExceptionTracking Number: **172325508134**Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes NoPacking Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): _____

Corrected Temp (°C): _____

Thermometer Used:

 G87A9170600254 G87A9155100842

Temp should be above freezing to 6°C

Correction Factor: _____

Date & Initials of Person Examining Contents: **4-8-21 mJ**Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or 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.
Short Hold Time Analysis (<72 hr)?	<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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: Air Can Airbag Filter TDT Passive		11. Individually Certified Cans Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge # 10AIR26 10AIR34 10AIR35 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
VP-1	2666	1247	-3.5	+5					
11-2	1475	659	-1.5						
Sewer	436	1163	-2	↓					

CLIENT NOTIFICATION/RESOLUTIONField Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: **Kirsten Hopfer**Date: **4/8/2021**

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Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office. Page 22 of 22