

Paul Lindquist

From: Paul Lindquist
Sent: Monday, November 28, 2022 10:34 AM
To: greg.michael@wisconsin.gov
Cc: Smullen, Joel; Gluesing, Christopher; Jeanne Tarvin; Mark Mejac; Susan Petrofske
Subject: BRRTS #: 02-41-152248 TAXMAN Investment (Former One-Valet Drycleaner): October 2022 Groundwater Data Transmittal
Attachments: 01_Site Layout.pdf; Table 1_MNA Parameter GW Sampling Results.pdf; Table 2_Detected Groundwater Analytical Results.pdf; Oct 2022 GW Lab Report (40253092_frc).pdf

Good morning Greg,

We have received the analytical results of the October 2022 groundwater sampling event of six groundwater monitoring wells (MW-4, MW-5, MW-6, PZ-1R, PZ-2R, and PZ-4) from the former One-Hour Valet Drycleaners (TAXMAN Investment) facility located at 1214 Wells Street in Milwaukee, WI. The monitoring well locations are shown on Figure 1 and the field and laboratory analytical results are summarized in Tables 1 and 2. This is the first groundwater sampling event after the third injection of additional organic carbon amendments was conducted on July 7, 2022.

A second half of 2022 semi-annual progress report documenting the supplemental injection activities and the October 2022 sampling event will be submitted to the WDNR in winter 2023 and the next groundwater sampling event is scheduled for April 2023.

Please let us know if you have any questions or comments in the interim. A copy of this e-mail with attachments will be uploaded to the submittal portal.

Paul Lindquist

Managing Consultant
1692722 - Great Lakes

D 262-901-3510
M 612-209-8676
plindquist@ramboll.com

Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
USA
<https://ramboll.com>

L:\Loop Project Files\CAD\1690005819_Former 1hr Dry Cleaners\2021-01\02_Site Layout.dwg

HOSPITAL PARKING STRUCTURE



- LEGEND**
- PROPERTY BOUNDARY
 - /// BUILDING FOOTPRINT
 - ASPHALT
 - CONCRETE
 - FENCE LINE
 - 75 1-FT ELEVATION CONTOUR
 - E UNDERGROUND ELECTRIC
 - OHE OVERHEAD ELECTRIC
 - T TELEPHONE
 - W WATER LINE
 - G GAS
 - TV CABLE TV
 - FO FIBER OPTIC
 - STM STORMWATER SEWER
 - SAN SANITARY SEWER
 - STEAM STEAM
 - ☐ CATCH BASIN
 - MANHOLE
 - ⊗ VALVE
 - ⬆ TRAFFIC LIGHT
 - ⊠ TRANSFORMER
 - ⊗ METER
 - ⊗ LIGHT POLE
 - ⊠ GUY UTILITY POLE / GUY
 - 🌳 TREE
 - ⊗ FIRE HYDRANT
 - ⊠ TELEPHONE PEDESTAL
 - ⊠ CONTROL BOX
 - ⊕ MONITORING WELL
 - ▲ SOIL GAS SAMPLE
 - ⊗ INJECTION WELL (APPROXIMATE LOCATION)
 - INJECTION POINT (APPROXIMATE LOCATION)

REFERENCE: THE SITE LAYOUT, SITE FEATURES, ELEVATIONS, UTILITIES, AND OTHER FEATURES NEAR THE PROPERTY WERE OBTAINED FROM GRAEF-USA IN DECEMBER 2017. MONITORING WELLS WERE SURVEYED IN OCTOBER 2019.



SITE LAYOUT
FORMER ONE-HOUR VALET DRY CLEANERS
1214 WEST WELLS STREET
MILWAUKEE, WISCONSIN



FIGURE
1

DRAFTED BY: HJW/PDL

DATE: 1/20/2021

1690005819

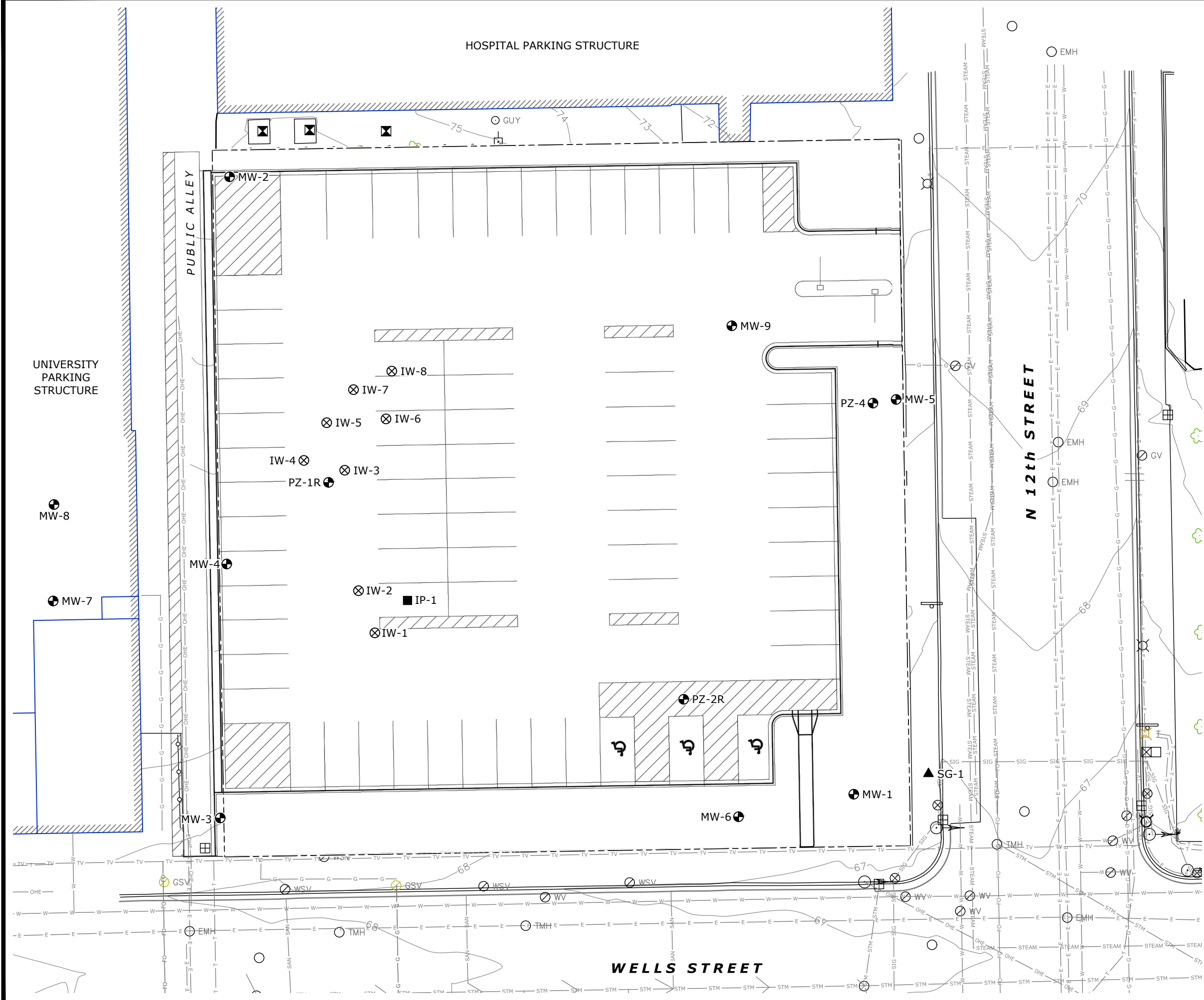


TABLE 1
MNA Parameter Groundwater Sampling Results
 Former One-Hour Valet Dry Cleaners
 1214 West Wells Street, Milwaukee, Wisconsin
 Ramboll Project No. 1690005819

Well ID	Sample Date	Dissolved Oxygen (mg/L)	Ethane (µg/L)	Ethene (µg/L)	pH	Iron, Dissolved (mg/L)	Iron, Ferric (mg/L)	Iron, Ferrous (mg/L)	Methane (µg/L)	Nitrogen, NO ₂ plus NO ₃ (mg/L)	ORP (mV)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
MW-1	1/14/2002	10.39	NA	NA	NR	NA	NA	NA	NA	NA	-37.0	NA	NA
	5/8/2002	3.57	NA	NA	NR	NA	NA	NA	NA	NA	287.1	NA	NA
	8/7/2003	0.22	NA	NA	NR	NA	NA	NA	NA	NA	161.3	NA	NA
	10/7/2003	1.05	0.028	0.049	NR	NA	NA	NA	14	NA	396.8	NA	NA
	8/25/2009	0.69	<10	<10	NR	NA	NA	NA	<10	NA	95.0	NA	1.26
11/1/2017	1.69	<0.58	<0.52	7.31	0.0126 J	0.00 J	<0.017	<1.4	<0.095	57.7	<100	<0.25	
MW-2	1/14/2002	6.42	NA	NA	NR	NA	NA	NA	NA	NA	168.4	NA	NA
	5/8/2002	1.07	NA	NA	NR	NA	NA	NA	NA	NA	256.9	NA	NA
	8/7/2003	0.10	NA	NA	NR	NA	NA	NA	NA	NA	2.3	NA	NA
	10/7/2003	4.43	0.018	0.021	NR	NA	NA	NA	22	NA	364.0	NA	NA
	8/27/2009	0.98	NA	NA	NR	NA	NA	NA	NA	NA	86.0	NA	NA
	11/1/2017	1.71	<0.58	<0.52	7.70	1.77	0.54	1.2 H3	<1.4	<0.095	-74.3	93.5	<0.25
MW-3	8/7/2003	0.15	NA	NA	NR	NA	NA	NA	NA	NA	68.0	NA	NA
	10/7/2003	5.74	0.16	0.056	NR	NA	NA	NA	45	NA	327.8	NA	NA
	8/27/2009	1.01	NA	NA	NR	NA	NA	NA	NA	NA	16.0	NA	NA
	11/1/2017 ¹	0.73	NA	NA	7.56	NA	NA	NA	NA	NA	-125.6	NA	NA
MW-4	8/7/2003	5.83	NA	NA	NR	NA	NA	NA	NA	NA	139.0	NA	NA
	10/7/2003	3.44	0.021	0.033	NR	NA	NA	NA	22	NA	383.4	NA	NA
	8/25/2009	2.55	NA	NA	NR	NA	NA	NA	NA	NA	77.0	NA	NA
	11/2/2017	0.88	NA	NA	7.80	NA	NA	NA	NA	NA	-19.8	NA	NA
	5/2/2019	8.40	NA	NA	7.34	NA	NA	NA	NA	NA	140.7	NA	NA
	8/14/2019	1.82	NA	NA	7.11	NA	NA	NA	NA	NA	79.4	NA	NA
	3/10/2020	8.53	NA	NA	7.15	NA	NA	NA	NA	NA	81.6	NA	NA
	10/28/2020	1.45	NA	NA	6.65	NA	NA	NA	NA	NA	116.0	NA	NA
	4/21/2021	5.40	NA	NA	7.88	NA	NA	NA	NA	NA	53.9	NA	NA
	10/27/2021	2.13	NA	NA	6.82	NA	NA	NA	NA	NA	64.6	NA	NA
	4/13/2022	0.85	NA	NA	7.14	NA	NA	NA	NA	NA	72.6	NA	NA
10/12/2022	0.96	NA	NA	7.30	NA	NA	NA	NA	NA	74.4	NA	NA	
MW-5	8/7/2003	0.86	NA	NA	NR	NA	NA	NA	NA	NA	190.5	NA	NA
	10/7/2003	1.05	0.041	0.0097	NR	NA	NA	NA	0.99	NA	396.8	NA	NA
	8/27/2009	0.99	<10	<10	NR	NA	NA	NA	136	NA	98.0	NA	1.82
	11/2/2017	2.04	NA	NA	8.10	NA	NA	NA	NA	NA	18.6	NA	NA
	5/2/2019	2.01	NA	NA	7.49	NA	NA	NA	NA	NA	159.1	NA	NA
	8/14/2019	0.18	NA	NA	7.53	NA	NA	NA	NA	NA	63.4	NA	NA
	3/10/2020	0.00	NA	NA	7.80	NA	NA	NA	NA	NA	21.1	NA	NA
	10/28/2020	0.29	NA	NA	7.31	NA	NA	NA	NA	NA	47.2	NA	NA
	4/21/2021	0.19	NA	NA	7.85	NA	NA	NA	NA	NA	-18.0	NA	NA
	10/27/2021	0.52	NA	NA	7.40	NA	NA	NA	NA	NA	15.4	NA	NA
	4/13/2022	5.55	NA	NA	7.22	NA	NA	NA	NA	NA	63.1	NA	NA
10/12/2022	0.70	NA	NA	7.54	NA	NA	NA	NA	NA	-27.2	NA	NA	
MW-6	8/25/2009	1.0	NA	NA	NR	NA	NA	NA	NA	NA	-50.0	NA	NA
	11/9/2017 ¹	0.62	<0.58	<0.52	7.39	13.6	8.3	5.2 H3	<1.4	<0.095	-112.7	82.4	<0.25
	5/2/2019	11.38	<0.58	<0.52	9.31	103	1,030	<0.20	<1.4	0.25 J	94.8	41.8	6.0
	8/14/2019	0.83	<0.58	<0.52	6.82	1.7	<0.20	2.1 H3	<1.4	<0.0	3.1	95.6	0.57 J
	3/10/2020	0.01	<1.2	<1.2	7.62	6.68	<0.20	7.4 H3	75.2	<0.059	-154.3	87 J	1.8
	10/28/2020	0.26	NA	NA	7.08	NA	NA	NA	NA	NA	-137.5	NA	NA
	4/21/2021	0.41	NA	NA	7.36	NA	NA	NA	NA	NA	-98.1	NA	NA
	10/27/2021	0.44	NA	NA	6.97	NA	NA	NA	NA	NA	-50.4	NA	NA
	4/13/2022	0.41	NA	NA	6.89	NA	NA	NA	NA	NA	-65.1	NA	NA
	10/12/2022	0.59	NA	NA	5.71	NA	NA	NA	NA	NA	-52.3	NA	NA

TABLE 1
MNA Parameter Groundwater Sampling Results
 Former One-Hour Valet Dry Cleaners
 1214 West Wells Street, Milwaukee, Wisconsin
 Ramboll Project No. 1690005819

Well ID	Sample Date	Dissolved Oxygen (mg/L)	Ethane (µg/L)	Ethene (µg/L)	pH	Iron, Dissolved (mg/L)	Iron, Ferric (mg/L)	Iron, Ferrous (mg/L)	Methane (µg/L)	Nitrogen, NO ₂ plus NO ₃ (mg/L)	ORP (mV)	Sulfate (mg/L)	Total Organic Carbon (mg/L)			
MW-7	8/26/2009	NA	NA	NA	NR	NA	NA	NA	NA	NA	NA	NA	NA			
	11/9/2017 ²	7.49	NA	NA	7.72	NA	NA	NA	NA	NA	-50.7	NA	NA			
MW-8	8/26/2009	NA	NA	NA	NR	NA	NA	NA	NA	NA	NA	NA	NA			
	11/9/2017 ³	4.03	NA	NA	7.28	NA	NA	NA	NA	NA	-28.7	NA	NA			
MW-9	8/27/2009	NA	<10	<10	NR	NA	NA	NA	<10	NA	NA	NA	1.27			
	11/9/2017	6.40	NA	NA	7.75	NA	NA	NA	NA	NA	-42.6	NA	NA			
PZ-1	1/15/2002	0.66	NA	NA	NR	NA	NA	NA	NA	NA	-65.3	NA	NA			
	5/8/2003	1.31	NA	NA	NR	NA	NA	NA	NA	NA	-18.3	NA	NA			
	8/8/2003	0.12	NA	NA	NR	NA	NA	NA	NA	NA	-93.7	NA	NA			
	10/7/2003	0.09	1.7	0.48	NR	NA	NA	NA	7	NA	-97.1	NA	NA			
	8/25/2009	0.83	<10	<10	NR	NA	NA	NA	<10	NA	-73.0	NA	2.04			
	11/2/2017	0.64	<0.58	<0.52	8.14	2.29	2.2	0.060	H3	<1.4	0.33	38.5	155	0.50		
PZ-1R	5/2/2019	1.01	337	32.4	7.05	5.88	<0.20	5.8	H3	23.1	<0.095	-102.6	101	124		
	8/14/2019	0.21	3,060	87.2	6.97	5.70	<0.20	6.5	H3	129	<0.095	-138.4	93.1	184		
	3/10/2020	0.00	2,130	974	7.58	4.60	<0.20	5.1	H3	162	<0.059	-270.1	85.9	115		
	10/28/2020	0.21	1,560	1,320	6.47	NA	NA	168	C4, H3	1510	NA	-126.9	4.9	J, D3		
	4/21/2021	0.19	1,540	1,090	7.35	NA	NA	19.7	H3	2,680	NA	-487.7	<2.2	499		
	10/27/2021	0.18	2.7	J	21.9	6.43	17.1	<0.0281	H3	19.0	H3	1,820	NA	-58.6	<2.2	D3
	4/13/2022	0.36	683	3,570	6.62	3.74	<0.058	3.9	H3	5,650	NA	-244.8	66.2	240		
	10/12/2022	0.48	1,040	J	7,090	6.47	5.80	<0.50	7.2	H3	13,900	NA	-312.7	<2.2	D3	
PZ-2	8/8/2003	0.19	NA	NA	NR	NA	NA	NA	NA	NA	-41.3	NA	NA			
	10/6/2003	0.15	1.3	0.79	NR	NA	NA	NA	60	NA	-35.1	NA	NA			
	8/27/2009	0.78	NA	NA	NR	NA	NA	NA	NA	NA	-16.0	NA	NA			
	11/1/2017 ¹	2.67	<0.58	<0.52	7.64	8.82	5.7	3.1	23.1	<0.095	-100.3	178	<0.25			
PZ-2R	8/14/2019	0.13	0.82	J	<0.52	7.15	3.20	<0.20	3.6	H3	22	<0.095	-36.8	164	0.40	
	3/10/2020	0.10	<1.2	<1.2	7.29	2.80	<0.20	2.9	H3, M1	10.3	<0.059	-68.3	140	0.36		
	10/28/2020	0.35	NA	NA	6.99	NA	NA	NA	NA	NA	NA	-80.6	NA	NA		
	4/21/2021	0.47	NA	NA	7.65	NA	NA	NA	NA	NA	NA	-81.7	NA	NA		
	10/27/2021	0.38	NA	NA	7.19	NA	NA	NA	NA	NA	NA	-45.8	NA	NA		
	4/13/2022	0.57	NA	NA	7.11	NA	NA	NA	NA	NA	NA	-40.0	NA	NA		
PZ-3	10/12/2022	0.81	NA	NA	6.9	NA	NA	NA	NA	NA	NA	-65.8	NA	NA		
	8/25/2009	0.72	NA	NA	NR	NA	NA	NA	NA	NA	NA	-53.0	NA	NA		
PZ-4	11/2/2017	1.34	NA	NA	7.98	NA	NA	NA	NA	NA	NA	-103.8	NA	NA		
	8/25/2009	0.72	NA	NA	NR	NA	NA	NA	NA	NA	NA	-55.0	NA	NA		
	11/2/2017	1.47	NA	NA	7.76	NA	NA	NA	NA	NA	NA	-111.8	NA	NA		
	5/2/2019	2.99	NA	NA	7.02	NA	NA	NA	NA	NA	NA	48.2	NA	NA		
	8/14/2019	0.24	NA	NA	6.95	NA	NA	NA	NA	NA	NA	-40.0	NA	NA		
	3/10/2020	0.24	NA	NA	6.98	NA	NA	NA	NA	NA	NA	-61.7	NA	NA		
	10/28/2020	7.72	NA	NA	8.77	NA	NA	NA	NA	NA	NA	12.4	NA	NA		
	4/21/2021	0.54	NA	NA	7.44	NA	NA	NA	NA	NA	NA	-88.1	NA	NA		
	10/27/2021	0.31	NA	NA	7.09	NA	NA	NA	NA	NA	NA	-36.9	NA	NA		
	4/13/2022	0.56	NA	NA	6.89	NA	NA	NA	NA	NA	NA	-35.5	NA	NA		
10/12/2022	0.98	NA	NA	6.92	NA	NA	NA	NA	NA	NA	-110.9	NA	NA			

Notes:

J = Estimated concentration at or above the level of detection and below the level of quantification.

mg/L = milligrams per liter

mV = millivolts

NA = Data was not collected or not able to be collected.

NS = Not sampled.

ORP = Oxidation-reduction potential; measured in the field.

ug/L = micrograms per liter

All sampling results prior to 2017 obtained from a Site Investigation Report prepared by GZA GeoEnvironmental, Inc. dated February 24, 2012.

(¹) Well cap either missing or not plugged at time of inspection; potential for water and other constituents to have entered the well.

(²) Monitoring well purged dry after first stabilization parameter reading. Well sampled later in day without collecting new stabilization parameters.

(³) Monitoring well purged dry before water passed completely through flow-through cell. Stabilization parameters collected from flow-through cell approximately 4/5 of the way full.

(⁴) Monitoring well was damaged during site redevelopment activities and was not sampled.

C4 = Sample container did not meet EPA or method requirements

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

H3 = Sample was received or analysis requested beyond the recognized method holding time.

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.

Groundwater Analytical Results - Summary of Detected Constituents

Former One-Hour Valet Dry Cleaners
1214 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

DRAFT

Analyte ^{1,2}		Benzene	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Methylene chloride	Tetrachloroethene	Toluene	Trichloroethene	1,2,4-Trimethylbenzene ³	Vinyl chloride	Xylenes, total ⁴
CAS		71-43-2	67-66-3	75-35-4	156-59-2	156-60-5	100-41-4	75-09-2	127-18-4	108-88-3	79-01-6	95-63-6	75-01-4	1330-20-7
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
NR 140 ES		5	6	7	70	100	700	5	5	800	5	480	0.2	2000
NR 140 PAL		0.5	0.6	0.7	7	20	140	0.5	0.5	160	0.5	96	0.02	400
MW-1	1/14/2002	ND	<0.23	<0.27	<0.21	<0.25	<0.22	<0.24	<0.22	<0.41	0.46 J	<0.15	44	#N/A
	5/8/2002	ND	<0.1	<0.11	<0.11	<0.11	<0.08	<0.24	<0.15	<0.08	<0.13	<0.11	<0.16	#N/A
	8/7/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.9	0.3 J	<0.25	<0.25	<0.5
	10/7/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.25	<0.25	<0.25	<0.25	<0.5
	8/25/2009	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5
MW-2	11/1/2017	<0.50	<2.5	<0.41	<0.26	<0.26	<0.50	<0.23	<0.50	<0.50	<0.33	<0.50	<0.18	<1.5
	1/14/2002	ND	<0.23	<0.21	<0.21	<0.25	<0.22	<0.22	<0.22	<0.41	<0.24	<0.26	<0.25	#N/A
	5/8/2002	ND	<0.1	<0.11	<0.11	<0.11	<0.08	<0.24	<0.15	<0.08	<0.13	<0.11	<0.16	#N/A
	8/7/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.32 J	<0.25	<0.25	<0.25	<0.5
	10/7/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.25	<0.25	<0.25	<0.25	<0.5
MW-3	8/27/2009	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5
	11/1/2017	<0.50	<2.5	<0.41	<0.26	<0.26	<0.50	<0.23	<0.50	<0.50	<0.33	<0.50	<0.18	<1.5
	1/15/2002	ND	<0.23	<0.27	<0.21	<0.25	<0.22	<0.22	<0.22	<0.41	<0.24	<0.26	<0.25	#N/A
	5/8/2002	ND	<0.1	<0.11	<0.11	<0.11	<0.08	<0.24	<0.15	0.32	0.34 J	<0.11	<0.16	#N/A
	8/7/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.88	0.42 J	<0.25	<0.25	<0.5
MW-4	10/7/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.25	<0.25	<0.25	<0.25	<0.5
	8/27/2009	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5
	11/1/2017	<0.50	<2.5	<0.41	<0.26	<0.26	<0.50	<0.23	<0.50	<0.50	<0.33	<0.50	<0.18	<1.5
	8/7/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	0.88 J	0.9	0.71 J	0.34 J	<0.25	<0.5
	10/7/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	0.57 J	<0.25	<0.25	<0.25	<0.25	<0.5
	8/25/2009	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<1	7	<0.5	<0.2	<0.2	<0.2	<0.5
	11/2/2017	<0.50	<2.5	<0.41	<0.26	<0.26	<0.50	<0.23	7.8	<0.50	<0.33	<0.50	<0.18	<1.5
	5/2/2019	<0.49	<2.5	<0.49	23.0	<2.2	<0.44	<1.2	850	<0.34	5.0	<1.7	<0.35	<3.0
	8/14/2019	<0.25	<1.3	<0.24	0.43 J	<1.1	<0.22	<0.58	79.1	<0.17	0.99 J	<0.84	<0.17	<1.5
	3/10/2020	<0.25	<1.3	<0.24	<0.27	<1.1	<0.32	<0.58	57	<0.27	0.47 J	<0.84	<0.17	<1.5
MW-5	10/28/2020	<0.25	<1.3	<0.24	<0.27	<0.46	<0.32	<0.58	24.0	<0.27	0.26 J	<0.84	<0.17	<1.5
	4/21/2021	<0.30	<1.2	<0.58	<0.47	<0.53	<0.33	<0.32	31.8	<0.29	<0.32	<0.45	<0.17	<1.0
	10/27/2021	<0.30	<1.2	<0.58	<0.47	<0.53	<0.33	<0.32	26.8	<0.29	<0.32	<0.45	<0.17	<1.0
	4/13/2022	<0.30	<1.2	<0.58	<0.47	<0.53	<0.33	<0.32	13.7	<0.29	<0.32	<0.45	<0.17	<1.0
	10/12/2022	<0.30	<1.2	<0.58	<0.47	<0.53	<0.33	<0.32	26.8	<0.29	<0.32	<0.45	<0.17	<1.0
	8/7/2003	ND	<0.25	<0.5	77	<0.5	<0.5	<1	80	0.9	7.9	0.34 J	<0.25	<0.5
	10/7/2003	ND	<0.25	<0.5	150	1.2	<0.5	<1	93	<0.25	6.4	<0.25	<0.25	<0.5
	8/27/2009	<0.2	<0.2	<0.5	110	1.2	<0.5	<1	140	<0.5	<0.2	32	22	<0.5
	11/2/2017	<0.50	<2.5	<0.41	73.6	1.5	<0.50	<0.23	30.3	<0.50	3.2	<0.50	0.45 J	<1.5
	5/2/2019	<0.25	<1.3	<0.24	71.3	<1.1	<0.22	<0.58	20.5	<0.17	3.8	<0.84	2.1	<1.5
MW-6	8/14/2019	<0.25	<1.3	<0.24	31.2	<1.1	<0.22	<0.58	29.1	<0.17	5.9	<0.84	0.73 J	<1.5
	3/10/2020	<0.25	<1.3	<0.24	14.1	<1.1	<0.32	<0.58	23.8	<0.27	5.0	<0.84	2.2	<1.5
	10/28/2020	<0.25	<1.3	<0.24	71.3	0.72 J	<0.32	<0.58	21.7	<0.27	5.2	<0.84	1.5	<1.5
	4/21/2021	<0.30	<1.2	<0.58	7.6	0.59 J	<0.33	<0.32	20.9	<0.29	4.2	<0.45	1.5	<1.0
	10/27/2021	<0.30	<1.2	<0.58	72.3	1.7	<0.33	<0.32	24.0	<0.29	5.6	<0.45	1.1	<1.0
	4/13/2022	<0.30	<1.2	<0.58	47.8	0.93 J	<0.33	<0.32	18.0	<0.29	3.7	<0.45	<0.17	<1.0
	10/12/2022	<0.30	<1.2	<0.58	70.6	<0.53	<0.33	<0.32	18.6	<0.29	3.6	<0.45	0.26 J	<1.0
	8/25/2009	<0.2	<0.2	<0.5	980	<0.5	<0.5	<10	<0.5	<0.5	18	<0.2	57	<0.5
	11/9/2017	<0.50	<2.5	<0.41	4.5	<0.26	<0.50	<0.23	<0.50	<0.50	<0.33	<0.50	1.0	<1.5
	5/2/2019	<0.25	<1.3	<0.24	<0.27	<1.1	<0.22	<0.58	<0.33	<0.17	<0.26	<0.84	<0.17	<1.5
MW-7	8/14/2019	<0.25	<1.3	<0.24	14.7 M1	<1.1	<0.22	<0.58	7.3	<0.17	0.37 J	<0.84	1.6	<1.5
	3/10/2020	<0.25	<1.3	<0.24	239	6.8	<0.32	<0.58	<0.33	<0.27	13.5	<0.84	11.5	<1.5
	10/28/2020	<0.25	<1.3	<0.24	172	5.4	<0.32	<0.58	<0.33	<0.27	15.6	<0.84	8.4	<1.5
	4/21/2021	<0.30	<1.2	<0.58	1.9	<0.53	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	0.32 J	<1.0
	10/27/2021	<0.30	<1.2	<0.58	1.3	<0.53	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	0.19 J	<1.0
MW-8	4/13/2022	<0.30	<1.2	<0.58	1.5	<0.53	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	0.36 J	<1.0
	10/12/2022	<0.30	<1.2	<0.58	1.3	<0.53	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	0.42 J	<1.0
MW-9	8/26/2009	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5
	11/9/2017	<0.50	<2.5	<0.41	<0.26	<0.26	<0.50	<0.23	<0.50	<0.50	<0.33	<0.50	<0.18	<1.5
MW-9	8/26/2009	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5
	11/9/2017	0.28	<0.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.64	<0.2	<0.2	<0.2	<0.5
	8/27/2009	<0.50	<2.5	<0.41	<0.26	<0.26	<0.50	<0.23	<0.50	0.59 J	<0.33	<0.50	<0.18	<1.5

Groundwater Analytical Results - Summary of Detected Constituents
 Former One-Hour Valet Dry Cleaners
 1214 West Wells Street, Milwaukee, Wisconsin
 Ramboll Project No. 1690005819

DRAFT

Analyte ^{1,2}		Benzene	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Methylene chloride	Tetrachloroethene	Toluene	Trichloroethene	1,2,4-Trimethylbenzene ³	Vinyl chloride	Xylenes, total ⁴
CAS		71-43-2	67-66-3	75-35-4	156-59-2	156-60-5	100-41-4	75-09-2	127-18-4	108-88-3	79-01-6	95-63-6	75-01-4	1330-20-7
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
NR 140 ES		5	6	7	70	100	700	5	5	800	5	480	0.2	2000
NR 140 PAL		0.5	0.6	0.7	7	20	140	0.5	0.5	160	0.5	96	0.02	400
PZ-1	1/15/2002	ND	<1.2	<1.4	400	4	<1.1	<1.1	<1.1	<2.1	<1.2	<0.75	<1.3	#N/A
	5/8/2003	ND	<6	<6.5	3,000	22	<4	23	8,500	<4	2,800	<5.5	22	#N/A
	8/8/2003	ND	0.3	8.4	2,600	18.0	1.8	<1	27,000	4.8	2,500	<0.25	11	1.2
	10/7/2003	ND	<120	<250	2,600	<250	<250	<500	36,000	<120	2,600	<120	<120	<250
	8/25/2009	<32	<32	<80	2,000	<80	<80	<160	61,000	<80	1,600	<32	<32	<80
	11/2/2017	<125	<625	<103	414	<64.1	<125	<68.1	16,200	<125	435	<125	<43.9	<375
PZ-1 abandoned on 1/11/2018. PZ-1R was installed on 4/18/2019.														
PZ-1R	5/2/2019	<123	<637	<122	30,000	<545	<109	<290	60,300	<86.1	3,310	<420	<87.3	<750
	8/14/2019	<123	<637	140	108,000	<545	<109	<290	83,700	<86.1	5,450	<420	1,110	<750
	3/10/2020	<123	<637	<122	36,400	<545	<159	<290	23,200	<135	9,060	<420	2,630	<750
	10/28/2020	<123	<637	<122	6,500	<232	<159	<290	28,800	<135	2,280	<420	822	<750
	4/21/2021	<148	<591	<291	98,200	<264	<163	<160	64,500	<144	26,000	<224	10,800	<524
	10/27/2021	<148	<591	<291	69,500	<264	<163	<160	21,800	<144	10,800	<224	14,200	<524
	4/13/2022	<148	<591	<291	47,800	<264	<163	<160	64,600	<144	11,800	<224	12,300	<524
	10/12/2022	<148	<591	<291	92,600	<264	<163	<160	20,200	<144	3,350	<224	21,900	<524
PZ-2	8/8/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.43	<0.25	<0.25	5.8	<0.5
	10/6/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.25	<0.25	<0.25	8.9	<0.5
	8/27/2009	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.2	<0.2	14	<0.5
	11/1/2017	<0.50	<2.5	<0.41	4.1	<0.26	<0.50	<0.23	<0.50	<0.50	<0.33	<0.50	11.0	<1.5
	5/2/2019 ⁵	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ-2 abandoned on 7/19/2019. PZ-2R was installed on 7/19/2019.														
PZ-2R	8/14/2019	<0.25	<1.3	<0.24	26.9	<1.1	<0.22	<0.58	12.7	<0.17	0.39	<0.84	15.5	<1.5
	3/10/2020	<0.25	<1.3	<0.24	33.9	<1.1	<0.32	<0.58	<0.33	<0.27	<0.26	<0.84	11.3	<1.5
	10/28/2020	<0.25	<1.3	<0.24	90.2	1.1	<0.32	<0.58	<0.33	<0.27	<0.26	<0.84	10.8	<1.5
	4/21/2021	<0.30	<1.2	<0.58	109	1.5	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	14.1	<1.0
	10/27/2021	<0.30	<1.2	<0.58	104	1.3	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	12.6	<1.0
	4/13/2022	<0.30	<1.2	<0.58	91.5	1.4	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	11.1	<1.0
	10/12/2022	<0.30	<1.2	<0.58	121	1.7	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	11.1	<1.0
PZ-3	8/26/2004	ND	<2	<5	440	<5	<5	<10	56	<2	<2	<2	<2	<5
	10/7/2004	ND	<1	<2.5	300	<2.5	<2.5	<5	73	<1	<1	<1	<1	<2.5
	8/25/2009	<2	<2	<5	1,100	11.0	<5	<10	5.6	<5	7.1	<2	3.9	<5
	11/2/2017	<25.0	<125	<20.5	2,060	22.4	<25.0	<11.6	<25.0	<25.0	144	<25.0	<8.8	<75.0
PZ-3 abandoned on 1/11/2018.														
PZ-4	8/25/2009	<0.20	<0.2	<0.5	4.4	<0.5	<1	0.84	<0.5	0.56	<0.2	<0.2	<0.5	<0.5
	11/2/2017	<0.50	<2.5	<0.41	<0.26	<0.50	<0.23	<0.50	<0.50	<0.33	<0.50	<0.50	1.3	<1.5
	5/2/2019	<0.49	<2.5	<0.49	20.8	<2.2	<0.44	<1.2	351	<0.34	<1.7	<1.7	1	<3.0
	8/14/2019	<0.25	<1.3	<0.24	<0.27	<1.1	<0.22	<0.58	15.8	<0.17	<0.26	<0.84	1.8	<1.5
	3/10/2020	<0.25	<1.3	<0.24	1.4	<1.1	<0.32	<0.58	16	<0.27	<0.26	<0.84	1.7	<1.5
	10/28/2020	<0.25	<1.3	<0.24	0.42	<0.46	<0.32	<0.58	23.5	<0.27	0.37	<0.84	<0.17	<1.5
	4/21/2021	<0.30	<1.2	<0.58	<0.47	<0.53	<0.33	<0.32	0.94	<0.29	<0.32	<0.45	3.1	<1.0
	10/27/2021	<0.30	<1.2	<0.58	<0.47	<0.53	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	3.2	<1.0
	4/13/2022	<0.30	<1.2	<0.58	<0.47	<0.53	<0.33	<0.32	0.45	<0.29	<0.32	<0.45	3.3	<1.0
	10/12/2022	<0.30	<1.2	<0.58	<0.47	<0.53	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	1.4	<1.0

Notes:
 All results reported in micrograms per Liter (ug/L)
 ES = Enforcement Standard
 PAL = Preventive Action Limit
Bold value = NR 140 ES Exceedance
Italic Value = NR 140 PAL Exceedance
 #N/A = Not analyzed
 NS = Not sampled
 J = Estimated concentration. Laboratory results reported between the limit of detection and limit of quantification.
¹ Analytical results are displayed for detected parameters only.
² All sampling results prior to 2017 obtained from a Site Investigation Report prepared by GZA GeoEnvironmental, Inc. on February 24, 2012.
³ Standards are for 1,2,4- and 1,3,5-Trimethylbenzene
⁴ Standards are for Total Xylenes (-m, -p, and -o).
⁵ MW-8 not sampled during the November 2017 groundwater sampling event because well did not recharge sufficiently.
⁶ PZ-2 was not sampled during the May 2019 groundwater sampling event because well was damaged during site redevelopment activities.
 ND = Not detected at or above limit of detection.
 M1 = Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
 C4 = Sample container did not meet EPA or method requirements.
 D3 = Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

November 15, 2022

Susan Petrofske
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1690005819
Pace Project No.: 40253092

Dear Susan Petrofske:

Enclosed are the analytical results for sample(s) received by the laboratory on October 13, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



Steven Mleczko
steve.mleczko@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kyle Heimstead, Ramboll US Consulting, Inc.
Michelle Peters, Ramboll



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 1690005819

Pace Project No.: 40253092

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 1690005819

Pace Project No.: 40253092

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40253092001	PZ-2R	Water	10/12/22 07:53	10/13/22 08:00
40253092002	MW-6	Water	10/12/22 08:30	10/13/22 08:00
40253092003	MW-6 DUP	Water	10/12/22 08:35	10/13/22 08:00
40253092004	PZ-4	Water	10/12/22 09:10	10/13/22 08:00
40253092005	MW-5	Water	10/12/22 09:50	10/13/22 08:00
40253092006	MW-4	Water	10/12/22 10:30	10/13/22 08:00
40253092007	PZ-1R	Water	10/12/22 11:55	10/13/22 08:00
40253092008	TRIP BLANK	Water		10/13/22 08:00

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 1690005819
Pace Project No.: 40253092

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40253092001	PZ-2R	EPA 8260	EIB	65
40253092002	MW-6	EPA 8260	EIB	65
40253092003	MW-6 DUP	EPA 8260	EIB	65
40253092004	PZ-4	EPA 8260	JAV	65
40253092005	MW-5	EPA 8260	JAV	65
40253092006	MW-4	EPA 8260	JAV	65
40253092007	PZ-1R	EPA 8015B Modified	KHB	3
		EPA 6020B	KXS	1
		EPA 8260	JAV	65
		HACH 8146	DAW	1
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1
40253092008	TRIP BLANK	EPA 8260	EIB	65

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 1690005819
Pace Project No.: 40253092

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40253092001	PZ-2R					
EPA 8260	cis-1,2-Dichloroethene	121	ug/L	1.0	10/17/22 17:51	
EPA 8260	trans-1,2-Dichloroethene	1.7	ug/L	1.0	10/17/22 17:51	
EPA 8260	Vinyl chloride	11.1	ug/L	1.0	10/17/22 17:51	
40253092002	MW-6					
EPA 8260	cis-1,2-Dichloroethene	1.3	ug/L	1.0	10/18/22 09:35	
EPA 8260	Vinyl chloride	0.42J	ug/L	1.0	10/18/22 09:35	
40253092003	MW-6 DUP					
EPA 8260	cis-1,2-Dichloroethene	1.1	ug/L	1.0	10/18/22 09:56	
EPA 8260	Vinyl chloride	0.30J	ug/L	1.0	10/18/22 09:56	
40253092004	PZ-4					
EPA 8260	Vinyl chloride	1.4	ug/L	1.0	10/24/22 19:17	
40253092005	MW-5					
EPA 8260	cis-1,2-Dichloroethene	10.6	ug/L	1.0	10/24/22 19:34	
EPA 8260	Tetrachloroethene	18.6	ug/L	1.0	10/24/22 19:34	
EPA 8260	Trichloroethene	3.6	ug/L	1.0	10/24/22 19:34	
EPA 8260	Vinyl chloride	0.26J	ug/L	1.0	10/24/22 19:34	
40253092006	MW-4					
EPA 8260	Tetrachloroethene	26.8	ug/L	1.0	10/24/22 19:51	
40253092007	PZ-1R					
EPA 8015B Modified	Ethane	1040J	ug/L	1120	10/14/22 14:51	
EPA 8015B Modified	Ethene	7090	ug/L	1000	10/14/22 14:51	
EPA 8015B Modified	Methane	13900	ug/L	560	10/14/22 14:51	
EPA 6020B	Iron	5800	ug/L	250	11/11/22 11:27	
EPA 8260	cis-1,2-Dichloroethene	92600	ug/L	500	10/24/22 22:25	
EPA 8260	Tetrachloroethene	20200	ug/L	500	10/24/22 22:25	
EPA 8260	Trichloroethene	3350	ug/L	500	10/24/22 22:25	
EPA 8260	Vinyl chloride	21900	ug/L	500	10/24/22 22:25	
SM 5310C	Total Organic Carbon	241	mg/L	75.0	10/25/22 10:35	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: PZ-2R **Lab ID: 40253092001** Collected: 10/12/22 07:53 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/17/22 17:51	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/17/22 17:51	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/17/22 17:51	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/17/22 17:51	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/17/22 17:51	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/17/22 17:51	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/17/22 17:51	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/17/22 17:51	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/17/22 17:51	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/17/22 17:51	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/17/22 17:51	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/17/22 17:51	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/17/22 17:51	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/17/22 17:51	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/17/22 17:51	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/17/22 17:51	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/17/22 17:51	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/17/22 17:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/17/22 17:51	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/17/22 17:51	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/17/22 17:51	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/17/22 17:51	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/17/22 17:51	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/17/22 17:51	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/17/22 17:51	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/17/22 17:51	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/17/22 17:51	75-35-4	
cis-1,2-Dichloroethene	121	ug/L	1.0	0.47	1		10/17/22 17:51	156-59-2	
trans-1,2-Dichloroethene	1.7	ug/L	1.0	0.53	1		10/17/22 17:51	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/17/22 17:51	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/17/22 17:51	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/17/22 17:51	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/17/22 17:51	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/17/22 17:51	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/17/22 17:51	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/17/22 17:51	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/17/22 17:51	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/17/22 17:51	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/17/22 17:51	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/17/22 17:51	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/17/22 17:51	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/17/22 17:51	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/17/22 17:51	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/17/22 17:51	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/17/22 17:51	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: PZ-2R **Lab ID: 40253092001** Collected: 10/12/22 07:53 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/17/22 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/17/22 17:51	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/17/22 17:51	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/17/22 17:51	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/17/22 17:51	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/17/22 17:51	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/17/22 17:51	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/17/22 17:51	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/17/22 17:51	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/17/22 17:51	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/17/22 17:51	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/17/22 17:51	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/17/22 17:51	108-67-8	
Vinyl chloride	11.1	ug/L	1.0	0.17	1		10/17/22 17:51	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/17/22 17:51	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		10/17/22 17:51	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		10/17/22 17:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/17/22 17:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		10/17/22 17:51	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		10/17/22 17:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819

Pace Project No.: 40253092

Sample: MW-6 **Lab ID: 40253092002** Collected: 10/12/22 08:30 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/18/22 09:35	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/18/22 09:35	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/18/22 09:35	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/18/22 09:35	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/18/22 09:35	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/18/22 09:35	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/18/22 09:35	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/18/22 09:35	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/18/22 09:35	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/18/22 09:35	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/18/22 09:35	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/18/22 09:35	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/18/22 09:35	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/18/22 09:35	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/18/22 09:35	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/18/22 09:35	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/18/22 09:35	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/18/22 09:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/18/22 09:35	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/18/22 09:35	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/18/22 09:35	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/18/22 09:35	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/18/22 09:35	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/18/22 09:35	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/18/22 09:35	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/18/22 09:35	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/18/22 09:35	75-35-4	
cis-1,2-Dichloroethene	1.3	ug/L	1.0	0.47	1		10/18/22 09:35	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/18/22 09:35	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/18/22 09:35	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/18/22 09:35	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/18/22 09:35	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/18/22 09:35	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/18/22 09:35	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/18/22 09:35	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/18/22 09:35	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/18/22 09:35	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/18/22 09:35	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/18/22 09:35	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/18/22 09:35	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/18/22 09:35	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/18/22 09:35	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/18/22 09:35	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/18/22 09:35	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/18/22 09:35	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: MW-6 **Lab ID: 40253092002** Collected: 10/12/22 08:30 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/18/22 09:35	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/18/22 09:35	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/18/22 09:35	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/18/22 09:35	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/18/22 09:35	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/18/22 09:35	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/18/22 09:35	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/18/22 09:35	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/18/22 09:35	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/18/22 09:35	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/18/22 09:35	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/18/22 09:35	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/18/22 09:35	108-67-8	
Vinyl chloride	0.42J	ug/L	1.0	0.17	1		10/18/22 09:35	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/18/22 09:35	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		10/18/22 09:35	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		10/18/22 09:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/18/22 09:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		10/18/22 09:35	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		10/18/22 09:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819

Pace Project No.: 40253092

Sample: MW-6 DUP **Lab ID: 40253092003** Collected: 10/12/22 08:35 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/18/22 09:56	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/18/22 09:56	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/18/22 09:56	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/18/22 09:56	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/18/22 09:56	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/18/22 09:56	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/18/22 09:56	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/18/22 09:56	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/18/22 09:56	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/18/22 09:56	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/18/22 09:56	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/18/22 09:56	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/18/22 09:56	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/18/22 09:56	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/18/22 09:56	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/18/22 09:56	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/18/22 09:56	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/18/22 09:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/18/22 09:56	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/18/22 09:56	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/18/22 09:56	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/18/22 09:56	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/18/22 09:56	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/18/22 09:56	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/18/22 09:56	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/18/22 09:56	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/18/22 09:56	75-35-4	
cis-1,2-Dichloroethene	1.1	ug/L	1.0	0.47	1		10/18/22 09:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/18/22 09:56	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/18/22 09:56	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/18/22 09:56	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/18/22 09:56	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/18/22 09:56	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/18/22 09:56	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/18/22 09:56	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/18/22 09:56	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/18/22 09:56	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/18/22 09:56	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/18/22 09:56	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/18/22 09:56	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/18/22 09:56	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/18/22 09:56	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/18/22 09:56	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/18/22 09:56	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/18/22 09:56	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: MW-6 DUP **Lab ID: 40253092003** Collected: 10/12/22 08:35 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/18/22 09:56	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/18/22 09:56	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/18/22 09:56	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/18/22 09:56	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/18/22 09:56	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/18/22 09:56	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/18/22 09:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/18/22 09:56	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/18/22 09:56	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/18/22 09:56	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/18/22 09:56	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/18/22 09:56	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/18/22 09:56	108-67-8	
Vinyl chloride	0.30J	ug/L	1.0	0.17	1		10/18/22 09:56	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/18/22 09:56	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		10/18/22 09:56	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		10/18/22 09:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/18/22 09:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		10/18/22 09:56	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		10/18/22 09:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: PZ-4 Lab ID: 40253092004 Collected: 10/12/22 09:10 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/24/22 19:17	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:17	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/24/22 19:17	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/24/22 19:17	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/24/22 19:17	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/24/22 19:17	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/24/22 19:17	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/24/22 19:17	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/24/22 19:17	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/24/22 19:17	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/24/22 19:17	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/24/22 19:17	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/24/22 19:17	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/24/22 19:17	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/24/22 19:17	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/24/22 19:17	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/24/22 19:17	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/24/22 19:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/24/22 19:17	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/24/22 19:17	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/24/22 19:17	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/24/22 19:17	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/24/22 19:17	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/24/22 19:17	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/24/22 19:17	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/24/22 19:17	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/24/22 19:17	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/24/22 19:17	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/24/22 19:17	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/24/22 19:17	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/24/22 19:17	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/24/22 19:17	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/24/22 19:17	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:17	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/24/22 19:17	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/24/22 19:17	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/24/22 19:17	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/24/22 19:17	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/24/22 19:17	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/24/22 19:17	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/24/22 19:17	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/24/22 19:17	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/24/22 19:17	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/24/22 19:17	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:17	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: PZ-4 **Lab ID: 40253092004** Collected: 10/12/22 09:10 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/24/22 19:17	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/24/22 19:17	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/24/22 19:17	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/24/22 19:17	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/24/22 19:17	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/24/22 19:17	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/24/22 19:17	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/24/22 19:17	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/24/22 19:17	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/24/22 19:17	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/24/22 19:17	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/24/22 19:17	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:17	108-67-8	
Vinyl chloride	1.4	ug/L	1.0	0.17	1		10/24/22 19:17	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/24/22 19:17	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		10/24/22 19:17	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		10/24/22 19:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/24/22 19:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/24/22 19:17	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/24/22 19:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819

Pace Project No.: 40253092

Sample: MW-5 **Lab ID: 40253092005** Collected: 10/12/22 09:50 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/24/22 19:34	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:34	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/24/22 19:34	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/24/22 19:34	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/24/22 19:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/24/22 19:34	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/24/22 19:34	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/24/22 19:34	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/24/22 19:34	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/24/22 19:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/24/22 19:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/24/22 19:34	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/24/22 19:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/24/22 19:34	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/24/22 19:34	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/24/22 19:34	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/24/22 19:34	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/24/22 19:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/24/22 19:34	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/24/22 19:34	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/24/22 19:34	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/24/22 19:34	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/24/22 19:34	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/24/22 19:34	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/24/22 19:34	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/24/22 19:34	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/24/22 19:34	75-35-4	
cis-1,2-Dichloroethene	10.6	ug/L	1.0	0.47	1		10/24/22 19:34	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/24/22 19:34	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/24/22 19:34	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/24/22 19:34	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/24/22 19:34	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/24/22 19:34	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:34	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/24/22 19:34	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/24/22 19:34	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/24/22 19:34	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/24/22 19:34	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/24/22 19:34	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/24/22 19:34	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/24/22 19:34	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/24/22 19:34	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/24/22 19:34	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/24/22 19:34	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:34	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: MW-5 **Lab ID: 40253092005** Collected: 10/12/22 09:50 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/24/22 19:34	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/24/22 19:34	79-34-5	
Tetrachloroethene	18.6	ug/L	1.0	0.41	1		10/24/22 19:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/24/22 19:34	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/24/22 19:34	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/24/22 19:34	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/24/22 19:34	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/24/22 19:34	79-00-5	
Trichloroethene	3.6	ug/L	1.0	0.32	1		10/24/22 19:34	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/24/22 19:34	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/24/22 19:34	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/24/22 19:34	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:34	108-67-8	
Vinyl chloride	0.26J	ug/L	1.0	0.17	1		10/24/22 19:34	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/24/22 19:34	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		10/24/22 19:34	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		10/24/22 19:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/24/22 19:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/24/22 19:34	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/24/22 19:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: MW-4 **Lab ID: 40253092006** Collected: 10/12/22 10:30 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/24/22 19:51	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:51	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/24/22 19:51	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/24/22 19:51	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/24/22 19:51	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/24/22 19:51	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/24/22 19:51	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/24/22 19:51	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/24/22 19:51	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/24/22 19:51	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/24/22 19:51	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/24/22 19:51	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/24/22 19:51	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/24/22 19:51	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/24/22 19:51	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/24/22 19:51	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/24/22 19:51	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/24/22 19:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/24/22 19:51	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/24/22 19:51	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/24/22 19:51	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/24/22 19:51	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/24/22 19:51	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/24/22 19:51	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/24/22 19:51	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/24/22 19:51	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/24/22 19:51	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/24/22 19:51	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/24/22 19:51	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/24/22 19:51	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/24/22 19:51	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/24/22 19:51	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/24/22 19:51	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:51	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/24/22 19:51	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/24/22 19:51	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/24/22 19:51	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/24/22 19:51	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/24/22 19:51	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/24/22 19:51	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/24/22 19:51	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/24/22 19:51	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/24/22 19:51	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/24/22 19:51	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:51	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: MW-4 **Lab ID: 40253092006** Collected: 10/12/22 10:30 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/24/22 19:51	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/24/22 19:51	79-34-5	
Tetrachloroethene	26.8	ug/L	1.0	0.41	1		10/24/22 19:51	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/24/22 19:51	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/24/22 19:51	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/24/22 19:51	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/24/22 19:51	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/24/22 19:51	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/24/22 19:51	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/24/22 19:51	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/24/22 19:51	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/24/22 19:51	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/24/22 19:51	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/24/22 19:51	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/24/22 19:51	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		10/24/22 19:51	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		10/24/22 19:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/24/22 19:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/24/22 19:51	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/24/22 19:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: PZ-1R **Lab ID: 40253092007** Collected: 10/12/22 11:55 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	1040J	ug/L	1120	78.6	200		10/14/22 14:51	74-84-0	
Ethene	7090	ug/L	1000	50.4	200		10/14/22 14:51	74-85-1	
Methane	13900	ug/L	560	115	200		10/14/22 14:51	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	5800	ug/L	250	58.0	1	11/01/22 05:13	11/11/22 11:27	7439-89-6	
8260 MSV									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<148	ug/L	500	148	500		10/24/22 22:25	71-43-2	
Bromobenzene	<180	ug/L	500	180	500		10/24/22 22:25	108-86-1	
Bromochloromethane	<179	ug/L	2500	179	500		10/24/22 22:25	74-97-5	
Bromodichloromethane	<208	ug/L	500	208	500		10/24/22 22:25	75-27-4	
Bromoform	<1900	ug/L	2500	1900	500		10/24/22 22:25	75-25-2	
Bromomethane	<596	ug/L	2500	596	500		10/24/22 22:25	74-83-9	
n-Butylbenzene	<429	ug/L	500	429	500		10/24/22 22:25	104-51-8	
sec-Butylbenzene	<212	ug/L	500	212	500		10/24/22 22:25	135-98-8	
tert-Butylbenzene	<293	ug/L	500	293	500		10/24/22 22:25	98-06-6	
Carbon tetrachloride	<185	ug/L	500	185	500		10/24/22 22:25	56-23-5	
Chlorobenzene	<428	ug/L	500	428	500		10/24/22 22:25	108-90-7	
Chloroethane	<690	ug/L	2500	690	500		10/24/22 22:25	75-00-3	
Chloroform	<591	ug/L	2500	591	500		10/24/22 22:25	67-66-3	
Chloromethane	<818	ug/L	2500	818	500		10/24/22 22:25	74-87-3	
2-Chlorotoluene	<445	ug/L	2500	445	500		10/24/22 22:25	95-49-8	
4-Chlorotoluene	<447	ug/L	2500	447	500		10/24/22 22:25	106-43-4	
1,2-Dibromo-3-chloropropane	<1180	ug/L	2500	1180	500		10/24/22 22:25	96-12-8	
Dibromochloromethane	<1320	ug/L	2500	1320	500		10/24/22 22:25	124-48-1	
1,2-Dibromoethane (EDB)	<155	ug/L	500	155	500		10/24/22 22:25	106-93-4	
Dibromomethane	<495	ug/L	2500	495	500		10/24/22 22:25	74-95-3	
1,2-Dichlorobenzene	<163	ug/L	500	163	500		10/24/22 22:25	95-50-1	
1,3-Dichlorobenzene	<176	ug/L	500	176	500		10/24/22 22:25	541-73-1	
1,4-Dichlorobenzene	<446	ug/L	500	446	500		10/24/22 22:25	106-46-7	
Dichlorodifluoromethane	<228	ug/L	2500	228	500		10/24/22 22:25	75-71-8	
1,1-Dichloroethane	<148	ug/L	500	148	500		10/24/22 22:25	75-34-3	
1,2-Dichloroethane	<146	ug/L	500	146	500		10/24/22 22:25	107-06-2	
1,1-Dichloroethene	<291	ug/L	500	291	500		10/24/22 22:25	75-35-4	
cis-1,2-Dichloroethene	92600	ug/L	500	236	500		10/24/22 22:25	156-59-2	
trans-1,2-Dichloroethene	<264	ug/L	500	264	500		10/24/22 22:25	156-60-5	
1,2-Dichloropropane	<224	ug/L	500	224	500		10/24/22 22:25	78-87-5	
1,3-Dichloropropane	<152	ug/L	500	152	500		10/24/22 22:25	142-28-9	
2,2-Dichloropropane	<2090	ug/L	2500	2090	500		10/24/22 22:25	594-20-7	
1,1-Dichloropropene	<205	ug/L	500	205	500		10/24/22 22:25	563-58-6	
cis-1,3-Dichloropropene	<179	ug/L	500	179	500		10/24/22 22:25	10061-01-5	
trans-1,3-Dichloropropene	<1730	ug/L	2500	1730	500		10/24/22 22:25	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: PZ-1R **Lab ID: 40253092007** Collected: 10/12/22 11:55 Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Diisopropyl ether	<550	ug/L	2500	550	500		10/24/22 22:25	108-20-3	
Ethylbenzene	<163	ug/L	500	163	500		10/24/22 22:25	100-41-4	
Hexachloro-1,3-butadiene	<1370	ug/L	2500	1370	500		10/24/22 22:25	87-68-3	
Isopropylbenzene (Cumene)	<500	ug/L	2500	500	500		10/24/22 22:25	98-82-8	
p-Isopropyltoluene	<522	ug/L	2500	522	500		10/24/22 22:25	99-87-6	
Methylene Chloride	<160	ug/L	2500	160	500		10/24/22 22:25	75-09-2	
Methyl-tert-butyl ether	<565	ug/L	2500	565	500		10/24/22 22:25	1634-04-4	
Naphthalene	<565	ug/L	2500	565	500		10/24/22 22:25	91-20-3	
n-Propylbenzene	<173	ug/L	500	173	500		10/24/22 22:25	103-65-1	
Styrene	<178	ug/L	500	178	500		10/24/22 22:25	100-42-5	
1,1,1,2-Tetrachloroethane	<178	ug/L	500	178	500		10/24/22 22:25	630-20-6	
1,1,2,2-Tetrachloroethane	<189	ug/L	500	189	500		10/24/22 22:25	79-34-5	
Tetrachloroethene	20200	ug/L	500	204	500		10/24/22 22:25	127-18-4	
Toluene	<144	ug/L	500	144	500		10/24/22 22:25	108-88-3	
1,2,3-Trichlorobenzene	<509	ug/L	2500	509	500		10/24/22 22:25	87-61-6	
1,2,4-Trichlorobenzene	<475	ug/L	2500	475	500		10/24/22 22:25	120-82-1	
1,1,1-Trichloroethane	<151	ug/L	500	151	500		10/24/22 22:25	71-55-6	
1,1,2-Trichloroethane	<172	ug/L	2500	172	500		10/24/22 22:25	79-00-5	
Trichloroethene	3350	ug/L	500	160	500		10/24/22 22:25	79-01-6	
Trichlorofluoromethane	<209	ug/L	500	209	500		10/24/22 22:25	75-69-4	
1,2,3-Trichloropropane	<278	ug/L	2500	278	500		10/24/22 22:25	96-18-4	
1,2,4-Trimethylbenzene	<224	ug/L	500	224	500		10/24/22 22:25	95-63-6	
1,3,5-Trimethylbenzene	<179	ug/L	500	179	500		10/24/22 22:25	108-67-8	
Vinyl chloride	21900	ug/L	500	87.2	500		10/24/22 22:25	75-01-4	
Xylene (Total)	<524	ug/L	1500	524	500		10/24/22 22:25	1330-20-7	
m&p-Xylene	<350	ug/L	1000	350	500		10/24/22 22:25	179601-23-1	
o-Xylene	<174	ug/L	500	174	500		10/24/22 22:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		500		10/24/22 22:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		500		10/24/22 22:25	2199-69-1	
Toluene-d8 (S)	97	%	70-130		500		10/24/22 22:25	2037-26-5	
Iron, Ferric Calculation									
Analytical Method: HACH 8146									
Pace Analytical Services - Green Bay									
Iron, Ferric	<0.50	mg/L	0.50	0.50	1		11/15/22 15:26	20074-52-6	1q
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	<2.2	mg/L	10.0	2.2	5		10/26/22 01:11	14808-79-8	D3
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	241	mg/L	75.0	20.8	150		10/25/22 10:35	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819

Pace Project No.: 40253092

Sample: TRIP BLANK **Lab ID: 40253092008** Collected: Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/17/22 16:21	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/17/22 16:21	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/17/22 16:21	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/17/22 16:21	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/17/22 16:21	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/17/22 16:21	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/17/22 16:21	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/17/22 16:21	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/17/22 16:21	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/17/22 16:21	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/17/22 16:21	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/17/22 16:21	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/17/22 16:21	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/17/22 16:21	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/17/22 16:21	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/17/22 16:21	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/17/22 16:21	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/17/22 16:21	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/17/22 16:21	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/17/22 16:21	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/17/22 16:21	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/17/22 16:21	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/17/22 16:21	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/17/22 16:21	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/17/22 16:21	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/17/22 16:21	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/17/22 16:21	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/17/22 16:21	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/17/22 16:21	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/17/22 16:21	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/17/22 16:21	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/17/22 16:21	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/17/22 16:21	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/17/22 16:21	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/17/22 16:21	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/17/22 16:21	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/17/22 16:21	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/17/22 16:21	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/17/22 16:21	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/17/22 16:21	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/17/22 16:21	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/17/22 16:21	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/17/22 16:21	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/17/22 16:21	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/17/22 16:21	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

Sample: TRIP BLANK **Lab ID: 40253092008** Collected: Received: 10/13/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/17/22 16:21	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/17/22 16:21	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/17/22 16:21	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/17/22 16:21	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/17/22 16:21	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/17/22 16:21	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/17/22 16:21	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/17/22 16:21	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/17/22 16:21	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/17/22 16:21	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/17/22 16:21	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/17/22 16:21	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/17/22 16:21	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/17/22 16:21	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/17/22 16:21	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		10/17/22 16:21	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		10/17/22 16:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/17/22 16:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		10/17/22 16:21	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		10/17/22 16:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

QC Batch: 428756	Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 8015B Modified	Analysis Description: Methane, Ethane, Ethene GCV
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253092007

METHOD BLANK: 2469489 Matrix: Water
Associated Lab Samples: 40253092007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	10/14/22 10:50	
Ethene	ug/L	<0.25	5.0	10/14/22 10:50	
Methane	ug/L	<0.58	2.8	10/14/22 10:50	

LABORATORY CONTROL SAMPLE & LCSD: 2469490

Parameter	Units	2469491							RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits				
Ethane	ug/L	53.6	57.5	55.8	107	104	74-120	3	20		
Ethene	ug/L	50	53.8	52.3	108	105	71-122	3	20		
Methane	ug/L	28.6	32.4	31.2	113	109	73-120	4	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2469765 2469766

Parameter	Units	2469765										
		40253075001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.39	53.6	53.6	55.9	61.0	104	114	70-120	9	20	
Ethene	ug/L	<0.25	50	50	52.2	56.5	104	113	68-122	8	20	
Methane	ug/L	<0.58	28.6	28.6	30.7	33.7	107	118	10-200	9	20	

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

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

QC Batch: 430150	Analysis Method: EPA 6020B
QC Batch Method: EPA 3010A	Analysis Description: 6020B MET
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253092007

METHOD BLANK: 2477380 Matrix: Water
Associated Lab Samples: 40253092007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<58.0	250	11/11/22 10:28	

LABORATORY CONTROL SAMPLE: 2477381

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	10200	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477382 2477383

Parameter	Units	2477382		2477383		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253092007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron	ug/L	5800	10000	10000	15900	16000	101	102	75-125	1	20

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

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

QUALITY CONTROL DATA

Project: 1690005819

Pace Project No.: 40253092

METHOD BLANK: 2469423

Matrix: Water

Associated Lab Samples: 40253092001, 40253092002, 40253092003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	10/17/22 10:39	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	10/17/22 10:39	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	10/17/22 10:39	
m&p-Xylene	ug/L	<0.70	2.0	10/17/22 10:39	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	10/17/22 10:39	
Methylene Chloride	ug/L	<0.32	5.0	10/17/22 10:39	
n-Butylbenzene	ug/L	<0.86	1.0	10/17/22 10:39	
n-Propylbenzene	ug/L	<0.35	1.0	10/17/22 10:39	
Naphthalene	ug/L	<1.1	5.0	10/17/22 10:39	
o-Xylene	ug/L	<0.35	1.0	10/17/22 10:39	
p-Isopropyltoluene	ug/L	<1.0	5.0	10/17/22 10:39	
sec-Butylbenzene	ug/L	<0.42	1.0	10/17/22 10:39	
Styrene	ug/L	<0.36	1.0	10/17/22 10:39	
tert-Butylbenzene	ug/L	<0.59	1.0	10/17/22 10:39	
Tetrachloroethene	ug/L	<0.41	1.0	10/17/22 10:39	
Toluene	ug/L	<0.29	1.0	10/17/22 10:39	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/17/22 10:39	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	10/17/22 10:39	
Trichloroethene	ug/L	<0.32	1.0	10/17/22 10:39	
Trichlorofluoromethane	ug/L	<0.42	1.0	10/17/22 10:39	
Vinyl chloride	ug/L	<0.17	1.0	10/17/22 10:39	
Xylene (Total)	ug/L	<1.0	3.0	10/17/22 10:39	
1,2-Dichlorobenzene-d4 (S)	%	97	70-130	10/17/22 10:39	
4-Bromofluorobenzene (S)	%	98	70-130	10/17/22 10:39	
Toluene-d8 (S)	%	97	70-130	10/17/22 10:39	

LABORATORY CONTROL SAMPLE: 2469424

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.8	110	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	45.2	90	69-130	
1,1,2-Trichloroethane	ug/L	50	45.9	92	70-130	
1,1-Dichloroethane	ug/L	50	47.3	95	70-130	
1,1-Dichloroethene	ug/L	50	50.2	100	74-131	
1,2,4-Trichlorobenzene	ug/L	50	49.4	99	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.3	85	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	50.7	101	70-130	
1,2-Dichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dichloroethane	ug/L	50	50.1	100	70-137	
1,2-Dichloropropane	ug/L	50	49.0	98	80-121	
1,3-Dichlorobenzene	ug/L	50	51.9	104	70-130	
1,4-Dichlorobenzene	ug/L	50	48.0	96	70-130	
Benzene	ug/L	50	49.6	99	70-130	
Bromodichloromethane	ug/L	50	51.9	104	70-130	

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

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

LABORATORY CONTROL SAMPLE: 2469424

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	52.1	104	70-130	
Bromomethane	ug/L	50	38.1	76	21-147	
Carbon tetrachloride	ug/L	50	57.3	115	80-146	
Chlorobenzene	ug/L	50	49.6	99	70-130	
Chloroethane	ug/L	50	43.0	86	52-165	
Chloroform	ug/L	50	51.7	103	80-123	
Chloromethane	ug/L	50	37.0	74	51-122	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.5	101	70-130	
Dibromochloromethane	ug/L	50	51.5	103	70-130	
Dichlorodifluoromethane	ug/L	50	33.5	67	25-121	
Ethylbenzene	ug/L	50	53.0	106	80-120	
Isopropylbenzene (Cumene)	ug/L	50	55.4	111	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	49.9	100	70-130	
Methylene Chloride	ug/L	50	49.8	100	70-130	
o-Xylene	ug/L	50	53.2	106	70-130	
Styrene	ug/L	50	53.6	107	70-130	
Tetrachloroethene	ug/L	50	51.9	104	70-130	
Toluene	ug/L	50	50.2	100	80-120	
trans-1,2-Dichloroethene	ug/L	50	50.0	100	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.1	86	70-130	
Trichloroethene	ug/L	50	52.0	104	70-130	
Trichlorofluoromethane	ug/L	50	51.4	103	65-160	
Vinyl chloride	ug/L	50	43.3	87	63-134	
Xylene (Total)	ug/L	150	161	108	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

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

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

QC Batch: 428853	Analysis Method: EPA 8260
QC Batch Method: EPA 8260	Analysis Description: 8260 MSV
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253092008

METHOD BLANK: 2470309 Matrix: Water

Associated Lab Samples: 40253092008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	10/17/22 11:25	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	10/17/22 11:25	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	10/17/22 11:25	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	10/17/22 11:25	
1,1-Dichloroethane	ug/L	<0.30	1.0	10/17/22 11:25	
1,1-Dichloroethene	ug/L	<0.58	1.0	10/17/22 11:25	
1,1-Dichloropropene	ug/L	<0.41	1.0	10/17/22 11:25	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	10/17/22 11:25	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	10/17/22 11:25	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/17/22 11:25	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	10/17/22 11:25	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	10/17/22 11:25	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	10/17/22 11:25	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	10/17/22 11:25	
1,2-Dichloroethane	ug/L	<0.29	1.0	10/17/22 11:25	
1,2-Dichloropropane	ug/L	<0.45	1.0	10/17/22 11:25	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	10/17/22 11:25	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	10/17/22 11:25	
1,3-Dichloropropane	ug/L	<0.30	1.0	10/17/22 11:25	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	10/17/22 11:25	
2,2-Dichloropropane	ug/L	<4.2	5.0	10/17/22 11:25	
2-Chlorotoluene	ug/L	<0.89	5.0	10/17/22 11:25	
4-Chlorotoluene	ug/L	<0.89	5.0	10/17/22 11:25	
Benzene	ug/L	<0.30	1.0	10/17/22 11:25	
Bromobenzene	ug/L	<0.36	1.0	10/17/22 11:25	
Bromochloromethane	ug/L	<0.36	5.0	10/17/22 11:25	
Bromodichloromethane	ug/L	<0.42	1.0	10/17/22 11:25	
Bromoform	ug/L	<3.8	5.0	10/17/22 11:25	
Bromomethane	ug/L	<1.2	5.0	10/17/22 11:25	
Carbon tetrachloride	ug/L	<0.37	1.0	10/17/22 11:25	
Chlorobenzene	ug/L	<0.86	1.0	10/17/22 11:25	
Chloroethane	ug/L	<1.4	5.0	10/17/22 11:25	
Chloroform	ug/L	<1.2	5.0	10/17/22 11:25	
Chloromethane	ug/L	<1.6	5.0	10/17/22 11:25	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/17/22 11:25	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	10/17/22 11:25	
Dibromochloromethane	ug/L	<2.6	5.0	10/17/22 11:25	
Dibromomethane	ug/L	<0.99	5.0	10/17/22 11:25	
Dichlorodifluoromethane	ug/L	<0.46	5.0	10/17/22 11:25	
Diisopropyl ether	ug/L	<1.1	5.0	10/17/22 11:25	

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

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

METHOD BLANK: 2470309 Matrix: Water
Associated Lab Samples: 40253092008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	10/17/22 11:25	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	10/17/22 11:25	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	10/17/22 11:25	
m&p-Xylene	ug/L	<0.70	2.0	10/17/22 11:25	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	10/17/22 11:25	
Methylene Chloride	ug/L	<0.32	5.0	10/17/22 11:25	
n-Butylbenzene	ug/L	<0.86	1.0	10/17/22 11:25	
n-Propylbenzene	ug/L	<0.35	1.0	10/17/22 11:25	
Naphthalene	ug/L	<1.1	5.0	10/17/22 11:25	
o-Xylene	ug/L	<0.35	1.0	10/17/22 11:25	
p-Isopropyltoluene	ug/L	<1.0	5.0	10/17/22 11:25	
sec-Butylbenzene	ug/L	<0.42	1.0	10/17/22 11:25	
Styrene	ug/L	<0.36	1.0	10/17/22 11:25	
tert-Butylbenzene	ug/L	<0.59	1.0	10/17/22 11:25	
Tetrachloroethene	ug/L	<0.41	1.0	10/17/22 11:25	
Toluene	ug/L	<0.29	1.0	10/17/22 11:25	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/17/22 11:25	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	10/17/22 11:25	
Trichloroethene	ug/L	<0.32	1.0	10/17/22 11:25	
Trichlorofluoromethane	ug/L	<0.42	1.0	10/17/22 11:25	
Vinyl chloride	ug/L	<0.17	1.0	10/17/22 11:25	
Xylene (Total)	ug/L	<1.0	3.0	10/17/22 11:25	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	10/17/22 11:25	
4-Bromofluorobenzene (S)	%	101	70-130	10/17/22 11:25	
Toluene-d8 (S)	%	100	70-130	10/17/22 11:25	

LABORATORY CONTROL SAMPLE: 2470310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.4	109	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	48.5	97	69-130	
1,1,2-Trichloroethane	ug/L	50	49.7	99	70-130	
1,1-Dichloroethane	ug/L	50	37.7	75	70-130	
1,1-Dichloroethene	ug/L	50	50.0	100	74-131	
1,2,4-Trichlorobenzene	ug/L	50	41.9	84	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.6	85	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	70-130	
1,2-Dichlorobenzene	ug/L	50	49.0	98	70-130	
1,2-Dichloroethane	ug/L	50	49.1	98	70-137	
1,2-Dichloropropane	ug/L	50	50.3	101	80-121	
1,3-Dichlorobenzene	ug/L	50	52.4	105	70-130	
1,4-Dichlorobenzene	ug/L	50	49.6	99	70-130	
Benzene	ug/L	50	52.2	104	70-130	
Bromodichloromethane	ug/L	50	51.3	103	70-130	

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

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

QUALITY CONTROL DATA

Project: 1690005819

Pace Project No.: 40253092

LABORATORY CONTROL SAMPLE: 2470310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	53.6	107	70-130	
Bromomethane	ug/L	50	22.3	45	21-147	
Carbon tetrachloride	ug/L	50	55.4	111	80-146	
Chlorobenzene	ug/L	50	51.6	103	70-130	
Chloroethane	ug/L	50	34.0	68	52-165	
Chloroform	ug/L	50	55.2	110	80-123	
Chloromethane	ug/L	50	40.4	81	51-122	
cis-1,2-Dichloroethene	ug/L	50	52.4	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.3	103	70-130	
Dibromochloromethane	ug/L	50	49.9	100	70-130	
Dichlorodifluoromethane	ug/L	50	30.6	61	25-121	
Ethylbenzene	ug/L	50	53.7	107	80-120	
Isopropylbenzene (Cumene)	ug/L	50	53.7	107	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	43.5	87	70-130	
Methylene Chloride	ug/L	50	48.3	97	70-130	
o-Xylene	ug/L	50	51.9	104	70-130	
Styrene	ug/L	50	51.4	103	70-130	
Tetrachloroethene	ug/L	50	54.3	109	70-130	
Toluene	ug/L	50	51.8	104	80-120	
trans-1,2-Dichloroethene	ug/L	50	46.9	94	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.4	101	70-130	
Trichloroethene	ug/L	50	54.6	109	70-130	
Trichlorofluoromethane	ug/L	50	46.6	93	65-160	
Vinyl chloride	ug/L	50	40.7	81	63-134	
Xylene (Total)	ug/L	150	159	106	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

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

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

METHOD BLANK: 2472220 Matrix: Water
Associated Lab Samples: 40253092004, 40253092005, 40253092006, 40253092007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	10/24/22 14:42	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	10/24/22 14:42	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	10/24/22 14:42	
m&p-Xylene	ug/L	<0.70	2.0	10/24/22 14:42	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	10/24/22 14:42	
Methylene Chloride	ug/L	<0.32	5.0	10/24/22 14:42	
n-Butylbenzene	ug/L	<0.86	1.0	10/24/22 14:42	
n-Propylbenzene	ug/L	<0.35	1.0	10/24/22 14:42	
Naphthalene	ug/L	<1.1	5.0	10/24/22 14:42	
o-Xylene	ug/L	<0.35	1.0	10/24/22 14:42	
p-Isopropyltoluene	ug/L	<1.0	5.0	10/24/22 14:42	
sec-Butylbenzene	ug/L	<0.42	1.0	10/24/22 14:42	
Styrene	ug/L	<0.36	1.0	10/24/22 14:42	
tert-Butylbenzene	ug/L	<0.59	1.0	10/24/22 14:42	
Tetrachloroethene	ug/L	<0.41	1.0	10/24/22 14:42	
Toluene	ug/L	<0.29	1.0	10/24/22 14:42	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/24/22 14:42	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	10/24/22 14:42	
Trichloroethene	ug/L	<0.32	1.0	10/24/22 14:42	
Trichlorofluoromethane	ug/L	<0.42	1.0	10/24/22 14:42	
Vinyl chloride	ug/L	<0.17	1.0	10/24/22 14:42	
Xylene (Total)	ug/L	<1.0	3.0	10/24/22 14:42	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	10/24/22 14:42	
4-Bromofluorobenzene (S)	%	92	70-130	10/24/22 14:42	
Toluene-d8 (S)	%	98	70-130	10/24/22 14:42	

LABORATORY CONTROL SAMPLE: 2472221

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.7	99	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	46.1	92	69-130	
1,1,2-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1-Dichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethene	ug/L	50	45.1	90	74-131	
1,2,4-Trichlorobenzene	ug/L	50	47.7	95	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	41.7	83	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.9	98	70-130	
1,2-Dichlorobenzene	ug/L	50	48.7	97	70-130	
1,2-Dichloroethane	ug/L	50	50.0	100	70-137	
1,2-Dichloropropane	ug/L	50	52.4	105	80-121	
1,3-Dichlorobenzene	ug/L	50	47.6	95	70-130	
1,4-Dichlorobenzene	ug/L	50	47.6	95	70-130	
Benzene	ug/L	50	51.1	102	70-130	
Bromodichloromethane	ug/L	50	49.3	99	70-130	

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

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

QUALITY CONTROL DATA

Project: 1690005819

Pace Project No.: 40253092

LABORATORY CONTROL SAMPLE: 2472221

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	48.7	97	70-130	
Bromomethane	ug/L	50	26.2	52	21-147	
Carbon tetrachloride	ug/L	50	52.6	105	80-146	
Chlorobenzene	ug/L	50	50.2	100	70-130	
Chloroethane	ug/L	50	42.8	86	52-165	
Chloroform	ug/L	50	51.1	102	80-123	
Chloromethane	ug/L	50	34.0	68	51-122	
cis-1,2-Dichloroethene	ug/L	50	46.8	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	70-130	
Dibromochloromethane	ug/L	50	51.2	102	70-130	
Dichlorodifluoromethane	ug/L	50	23.4	47	25-121	
Ethylbenzene	ug/L	50	51.1	102	80-120	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	44.0	88	70-130	
Methylene Chloride	ug/L	50	45.0	90	70-130	
o-Xylene	ug/L	50	49.9	100	70-130	
Styrene	ug/L	50	46.1	92	70-130	
Tetrachloroethene	ug/L	50	53.8	108	70-130	
Toluene	ug/L	50	50.4	101	80-120	
trans-1,2-Dichloroethene	ug/L	50	50.5	101	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.2	90	70-130	
Trichloroethene	ug/L	50	50.3	101	70-130	
Trichlorofluoromethane	ug/L	50	42.3	85	65-160	
Vinyl chloride	ug/L	50	42.7	85	63-134	
Xylene (Total)	ug/L	150	151	100	70-130	
1,2-Dichlorobenzene-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2474474 2474475

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253307004	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.5	50.0	101	100	70-134	1	20		
1,1,1,2-Tetrachloroethane	ug/L	<0.38	50	50	48.4	48.3	97	97	61-135	0	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.9	52.7	104	105	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	52.7	52.8	105	106	70-130	0	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	44.4	44.3	89	89	71-130	0	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	49.1	48.8	98	98	68-131	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	43.2	43.4	86	87	51-141	0	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	49.6	50.8	99	102	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	49.5	48.9	99	98	70-130	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	50.7	51.0	101	102	70-137	1	20		

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

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

Parameter	Units	40253307004		2474474		2474475		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,2-Dichloropropane	ug/L	<0.45	50	50	53.9	54.1	108	108	80-121	0	20			
1,3-Dichlorobenzene	ug/L	<0.35	50	50	48.5	47.5	97	95	70-130	2	20			
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.7	49.3	99	99	70-130	1	20			
Benzene	ug/L	<0.30	50	50	52.0	51.5	104	103	70-130	1	20			
Bromodichloromethane	ug/L	<0.42	50	50	50.0	50.1	100	100	70-130	0	20			
Bromoform	ug/L	<3.8	50	50	50.4	49.9	101	100	70-133	1	20			
Bromomethane	ug/L	<1.2	50	50	23.5	24.1	47	48	21-149	3	22			
Carbon tetrachloride	ug/L	<0.37	50	50	53.3	53.4	107	107	80-146	0	20			
Chlorobenzene	ug/L	<0.86	50	50	51.4	51.7	103	103	70-130	0	20			
Chloroethane	ug/L	<1.4	50	50	39.0	37.7	78	75	52-165	3	20			
Chloroform	ug/L	<1.2	50	50	52.1	51.3	104	103	80-123	2	20			
Chloromethane	ug/L	<1.6	50	50	29.5	29.6	59	59	42-125	0	20			
cis-1,2-Dichloroethene	ug/L	0.62J	50	50	48.4	47.8	96	94	70-130	1	20			
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	49.3	49.6	99	99	70-130	1	20			
Dibromochloromethane	ug/L	<2.6	50	50	52.0	52.1	104	104	70-130	0	20			
Dichlorodifluoromethane	ug/L	<0.46	50	50	15.4	15.3	31	31	25-121	0	20			
Ethylbenzene	ug/L	<0.33	50	50	51.8	51.6	104	103	80-121	1	20			
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.0	52.2	104	104	70-130	0	20			
m&p-Xylene	ug/L	<0.70	100	100	103	101	103	101	70-130	1	20			
Methyl-tert-butyl ether	ug/L	<1.1	50	50	45.2	45.2	90	90	70-130	0	20			
Methylene Chloride	ug/L	<0.32	50	50	45.5	45.0	91	90	70-130	1	20			
o-Xylene	ug/L	<0.35	50	50	50.8	50.2	102	100	70-130	1	20			
Styrene	ug/L	<0.36	50	50	46.9	47.0	94	94	70-132	0	20			
Tetrachloroethene	ug/L	<0.41	50	50	55.6	54.8	111	110	70-130	1	20			
Toluene	ug/L	<0.29	50	50	51.1	51.2	102	102	80-120	0	20			
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	52.3	51.8	105	104	70-130	1	20			
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	47.1	47.3	94	95	70-130	0	20			
Trichloroethene	ug/L	<0.32	50	50	50.9	51.4	102	103	70-130	1	20			
Trichlorofluoromethane	ug/L	<0.42	50	50	40.6	40.7	81	81	65-160	0	20			
Vinyl chloride	ug/L	0.25J	50	50	38.3	38.5	76	77	60-137	1	20			
Xylene (Total)	ug/L	<1.0	150	150	154	152	102	101	70-130	1	20			
1,2-Dichlorobenzene-d4 (S)	%						97	95	70-130					
4-Bromofluorobenzene (S)	%						97	95	70-130					
Toluene-d8 (S)	%						101	100	70-130					

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

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

QC Batch: 429186 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40253092007

METHOD BLANK: 2471891 Matrix: Water
Associated Lab Samples: 40253092007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	10/25/22 17:01	

LABORATORY CONTROL SAMPLE: 2471892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.8	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2471893 2471894

Parameter	Units	40253075005		2471893		2471894		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Result				
Sulfate	mg/L	26.1	100	135	100	134	109	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2471895 2471896

Parameter	Units	40253075018		2471895		2471896		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Result				
Sulfate	mg/L	60.6J	1000	1090	1000	1080	103	90-110	2	15	

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

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

QC Batch: 429597	Analysis Method: SM 5310C
QC Batch Method: SM 5310C	Analysis Description: 5310C Total Organic Carbon
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253092007

METHOD BLANK: 2474382 Matrix: Water
Associated Lab Samples: 40253092007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	10/25/22 09:25	

LABORATORY CONTROL SAMPLE: 2474383

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2474384 2474385

Parameter	Units	40253142001		40253142002		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Total Organic Carbon	mg/L	0.93	6	6	6.8	6.9	98	100	80-120	2	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2474386 2474387

Parameter	Units	40253142002		40253142003		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Total Organic Carbon	mg/L	0.58	6	6	6.4	6.5	96	99	80-120	2	10		

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

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

QUALIFIERS

Project: 1690005819

Pace Project No.: 40253092

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

1q The calculated result of - 1.40 mg/L is greater than the reporting limit.

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690005819

Pace Project No.: 40253092

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253092007	PZ-1R	EPA 8015B Modified	428756		
40253092007	PZ-1R	EPA 3010A	430150	EPA 6020B	430327
40253092001	PZ-2R	EPA 8260	428730		
40253092002	MW-6	EPA 8260	428730		
40253092003	MW-6 DUP	EPA 8260	428730		
40253092004	PZ-4	EPA 8260	429240		
40253092005	MW-5	EPA 8260	429240		
40253092006	MW-4	EPA 8260	429240		
40253092007	PZ-1R	EPA 8260	429240		
40253092008	TRIP BLANK	EPA 8260	428853		
40253092007	PZ-1R	HACH 8146	431277		
40253092007	PZ-1R	EPA 300.0	429186		
40253092007	PZ-1R	SM 5310C	429597		

REPORT OF LABORATORY ANALYSIS

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



CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

40253092

Company: **RAMBOLL**
 Address: **234 W FLORIDA ST**
 Report To: **P.LINDQUIST@RAMBOLL.COM**
 Copy To: **DGLASFORD@RAMBOLL.COM**
 Customer Project Name/Number: **1690005819**
 State: **WI** / County/City: **MILWAUKEE** Time Zone Collected: [] PT [] MT [] CT [] ET
 Billing Information:
 Site Collection Info/Address:
 Compliance Monitoring? [] Yes [] No
 DW PWS ID #:
 DW Location Code:
 Immediately Packed on Ice: Yes [] No
 Field Filtered (if applicable): [] Yes [] No
 Analysis:
 Turnaround Date Required:
 Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)
 Sample Disposal: [] Dispose as appropriate [] Return [] Archive [] Hold

ALL SHADED AREAS are for LAB USE ONLY

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	Analyses	Lab Profile/Line:
			Date	Time	Date	Time				
PZ-2R	GW	G	10-12-22	753					VOC 8260 B	Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA Custody Signatures Present Y N NA Collector Signature Present Y N NA Bottles Intact Y N NA Correct Bottles Y N NA Sufficient Volume Y N NA Samples Received on Ice Y N NA VOA - Headpace Acceptable Y N NA USDA Regulated Soils Y N NA Samples in Holding Time Y N NA Residual Chlorine Present Y N NA Cl Strips: <u>7/2</u> Sample pH Acceptable Y N NA pH Strips: <u>8/0</u> Sulfide Present Y N NA Lead Acetate Strips <u>see slur</u> LAB USE ONLY: Lab Sample # / Comments: <u>see slur</u>
MW-6				830					MEE 8015 B mod	
MW-6 DUP				835					FERROUS IRON 3500+6020	
PZ-4				910					TOC 5310C	
MW-5				950					SULFATE 300.0	
MW-4				1030						
PZ-1B				1155						
TRIP BLANK										

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
PZ-2R	GW	G	10-12-22	753				
MW-6				830				
MW-6 DUP				835				
PZ-4				910				
MW-5				950				
MW-4				1030				
PZ-1B				1155				
TRIP BLANK								

Customer Remarks / Special Conditions / Possible Hazards:
 Type of Ice Used: Wet Blue Dry None
 Packing Material Used: 10/13/22 86 see slur
 Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
 Lab Tracking #: **2784319**
 Samples received via: FEDEX UPS Client Courier Pace Courier
 MTJL LAB USE ONLY

Lab Sample Temperature Info:
 Temp Blank Received: Y N NA
 Therm ID#: 10/13/22
 Cooler 1 Temp Upon Receipt: 5.0 oC
 Cooler 1 Temp Upon Factor: 5.0 oC
 Cooler 1 Corrected Temp: 5.0 oC
 Comments: see slur

Relinquished by/Company: (Signature) D. Glasford RAMBOLL Date/Time: 10-12-22 1330
 Received by/Company: (Signature) CS LOGISTICS Date/Time: 10-12-22 1330
 Relinquished by/Company: (Signature) CS Logistics Date/Time: 10/13/22 0900
 Received by/Company: (Signature) Sundstrom Date/Time: 10/13/22 0900

Table #:
 Acctnum:
 Template:
 Prelogin:
 PM:
 PB:

Trip Blank Received: Y N NA
 HCL MeOH TSP Other
 Non Conformance(s): YES / NO
 Page: Page 38 of 54
 of: _____

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: Ramboll

WO#: 40253092



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

Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - 9 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 4.5 / Corr: 5

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 10/13/22 / Initials: SG
 Labeled By Initials: MV

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

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



Report of Analysis

Pace Analytical Services, LLC
1241 Bellevue Street
Suite 9
Green Bay, WI 54302
Attention: Steven Mleczo

Project Name: 1690005819

Project Number: 40253092

Lot Number: **XJ15006**

Date Completed: 10/18/2022

11/15/2022 9:06 AM

Approved and released by:
Project Coordinator 1: **Jenna S. Holliday**



The electronic signature above is the equivalent of a handwritten signature.
This report shall not be reproduced, except in its entirety, without the written approval of Pace Analytical Services, LLC.

PACE ANALYTICAL SERVICES, LLC

SC DHEC No: 32010001

NELAC No: E87653

NC DENR No: 329

NC Field Parameters No: 5639

Case Narrative Pace Analytical Services, LLC Lot Number: XJ15006

Report revision 11/15/2022: This PDF report has been revised to include an updated report format. This report supersedes and replaces any prior reports issued under this lot number.

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report. Where sampling is conducted by the client, results relate to the accuracy of the information provided, and as the samples are received.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved The NELAC Institute (TNI) standards, the Pace Analytical Services, LLC ("Pace") Laboratory Quality Manual, standard operating procedures (SOPs), and Pace policies. Any exceptions to the TNI standards, the Laboratory Quality Manual, SOPs or policies are qualified on the results page or discussed below.

Pace is a TNI accredited laboratory; however, the following analyses are currently not listed on our TNI scope of accreditation: Drinking Water: VOC (excluding BTEX, MTBE, Naphthalene, & 1,2-dichloroethane) EPA 524.2, E. coli and Total coliforms SM 9223 B-2004, Solid Chemical Material: TOC Walkley-Black, Biological Tissue: All, Non-Potable Water: SGT-HEM EPA 1664B, Silica EPA 200.7, Boron, Calcium, Silicon, Strontium EPA 200.8, Bicarbonate, Carbonate, and Hydroxide Alkalinity SM 2320 B-2011, SM 9221 C E-2006 & SM 9222D-2006, Strontium SW-846 6010D, VOC SM 6200 B-2011, Fecal Coliform Colilert-18.

If you have any questions regarding this report, please contact the Pace Project Manager listed on the cover page.

Ferrous Iron Analysis

Pre client request, sample XJ15006-001 was received and analyzed outside of holding time.

PACE ANALYTICAL SERVICES, LLC

Sample Summary
Pace Analytical Services, LLC
Lot Number: XJ15006
Project Name: 1690005819
Project Number: 40253092

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	PZ-1R	Aqueous	10/12/2022 1155	10/15/2022

(1 sample)

PACE ANALYTICAL SERVICES, LLC

Detection Summary
Pace Analytical Services, LLC
Lot Number: XJ15006
Project Name: 1690005819
Project Number: 40253092

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	PZ-1R	Aqueous	Ferrous Iron	SM 3500-Fe B-	7.2	H	mg/L	5

(1 detection)

Inorganic non-metals

Client: Pace Analytical Services, LLC	Laboratory ID: XJ15006-001
Description: PZ-1R	Matrix: Aqueous
Date Sampled: 10/12/2022 1155	Project Name: 1690005819
Date Received: 10/15/2022	Project Number: 40253092

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	(Ferrous Iron)	SM 3500-Fe B-2011	10	10/16/2022 1458	TAD		57167

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	LOD	DL	Units	Run
Ferrous Iron		SM 3500-Fe B-2	7.2	H	0.50	0.50	0.50	mg/L	1

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit Q = Surrogate failure
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL L = LCS/LCSD failure
 H = Out of holding time W = Reported on wet weight basis LOD = Limit of Detection S = MS/MSD failure

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

QC Summary

Inorganic non-metals - MB

Sample ID: XQ57167-001

Matrix: Aqueous

Batch: 57167

Analytical Method: SM 3500-Fe B-2011

Parameter	Result	Q	Dil	LOQ	LOD	DL	Units	Analysis Date
Ferrous Iron	0.050	U	1	0.050	0.050	0.050	mg/L	10/16/2022 1455

LOQ = Limit of Quantitation

ND = Not detected at or above the LOQ

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and \geq DL

P = The RPD between two GC columns exceeds 40%

LOD = Limit of Detection

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - LCS

Sample ID: XQ57167-002

Matrix: Aqueous

Batch: 57167

Analytical Method: SM 3500-Fe B-2011

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	%Rec Limit	Analysis Date
Ferrous Iron	1.0	1.0		1	100	90-110	10/16/2022 1456

LOQ = Limit of Quantitation

ND = Not detected at or above the LOQ

N = Recovery is out of criteria

LOD = Limit of Detection

* = RSD is out of criteria

P = The RPD between two GC columns exceeds 40%

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

QC Data for Lot Number: XJ15006

Inorganic non-metals - LCSD

Sample ID: XQ57167-003

Matrix: Aqueous

Batch: 57167

Analytical Method: SM 3500-Fe B-2011

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	%Rec Limit	% RPD Limit	Analysis Date
Ferrous Iron	1.0	1.0		1	100	0.30	90-110	20	10/16/2022 1457

LOQ = Limit of Quantitation

ND = Not detected at or above the LOQ

N = Recovery is out of criteria

LOD = Limit of Detection

* = RSD is out of criteria

P = The RPD between two GC columns exceeds 40%

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - MS

Sample ID: XJ15006-001MS

Matrix: Aqueous

Batch: 57167

Analytical Method: SM 3500-Fe B-2011

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	%Rec Limit	Analysis Date
Ferrous Iron	7.2	10	17		10	93	70-130	10/16/2022 1459

LOQ = Limit of Quantitation

ND = Not detected at or above the LOQ

N = Recovery is out of criteria

LOD = Limit of Detection

* = RSD is out of criteria

P = The RPD between two GC columns exceeds 40%

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

QC Data for Lot Number: XJ15006

Inorganic non-metals - MSD

Sample ID: XJ15006-001MD

Matrix: Aqueous

Batch: 57167

Analytical Method: SM 3500-Fe B-2011

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	%Rec Limit	% RPD Limit	Analysis Date
Ferrous Iron	7.2	10	17		10	100	4.4	70-130	20	10/16/2022 1500

LOQ = Limit of Quantitation

ND = Not detected at or above the LOQ

N = Recovery is out of criteria

LOD = Limit of Detection

* = RSD is out of criteria

P = The RPD between two GC columns exceeds 40%

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

**Chain of Custody
and
Miscellaneous Documents**

Internal Transfer Chain of Custody



www.pacelabs.com

State of Origin: WI
 Cert. Needed: Yes No

Owner Received Date: 10/13/2022 Results Requested By: 10/27/2022

Samples Pre-Logged into eCOC.

Workorder: 40253092 Workorder Name: 1690005819

Report To: Subcontract To

Steven Mieczko
 Pace Analytical Green Bay
 241 Bellevue Street
 Suite 9
 Green Bay, WI 54302
 Phone (920)469-2436

Pace Analytical West Columbia
 108 Vantage Point Drive
 West Columbia, SC 29172
 Phone (803)791-9700



XJ15006

JSH

Ferrus Iron By SM 3506 Fe 2011

Preserved Containers

LAB USE ONLY

2

X

Matrix

Lab ID

Collect Date/Time

Sample Type

PS

10/12/2022 11:55

40263092007

Water

2

X

Comments

Transfers

Released By

Date/Time

Received By

Date/Time

Received on Ice

Y or N

Y or N

Y or N

Y or N

Y or N

Y or N

Y or N

Confidential

10/12/2022 11:55

10/15/2022 09:15

10/15/2022 09:15

Received on Ice

Received on Ice

Received on Ice

Received on Ice

Cooler Temperature on Receipt 3.4 °C

Custody Seal

Y or N

Y or N

Y or N

Y or N

Y or N

Y or N

Y or N

Y or N

Y or N

Y or N

*In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.
 This chain of custody is considered complete as is since this information is available in the owner laboratory.

PACE ANALYTICAL SERVICES, LLC

DC# Title: ENV-FRM-WCOL-0286 v02_Samples Receipt Checklist (SRC)
 Effective Date: 8/2/2022

Sample Receipt Checklist (SRC)

Client: Pace Cooler Inspected by/date: JRG2 / 10/15/2022 Lot #: XJ15006

Means of receipt: <input type="checkbox"/> Pace <input type="checkbox"/> Client <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Other: _____	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1. Were custody seals present on the cooler?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	2. If custody seals were present, were they intact and unbroken?
pH Strip ID: <u>NA</u> Chlorine Strip ID: <u>NA</u> Tested by: <u>NA</u>	
Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: <u>NA</u> <u>3.4 / 3.4</u> °C <u>NA</u> / <u>NA</u> °C <u>NA</u> / <u>NA</u> °C <u>NA</u> / <u>NA</u> °C	
Method: <input checked="" type="checkbox"/> Temperature Blank <input type="checkbox"/> Against Bottles IR Gun ID: <u>8</u> IR Gun Correction Factor: <u>0</u> °C	
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Ice Packs <input type="checkbox"/> Dry Ice <input type="checkbox"/> None	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	3. Were all coolers received at or below 6.0°C? If no, was Project Manager notified? PM was Notified by: phone / email / face-to-face (circle one).
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	4. Is the commercial courier's packing slip attached to this form?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5. Were proper custody procedures (relinquished/received) followed?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6. Were sample IDs listed on the COC and all sample containers? <u>✓</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. Was collection date & time listed on the COC and all sample containers?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8. Did all container label information (ID, date, time) agree with the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9. Were tests to be performed listed on the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. Was adequate sample volume available?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13. Were all samples containers accounted for? (No missing/excess)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	14. Were VOA, 8015C and RSK-175 samples free of bubbles >"pea-size" (¼" or 6mm in diameter) in any of the VOA vials?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	15. Were all DRO/metals/nutrient samples received at a pH of < 2?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	16. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	17. Were all applicable NH ₃ /TKN/cyanide/phenol/625.1/608.3 (< 0.5mg/L) samples free of residual chlorine?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	18. Was the quote number listed on the container label? If yes. Quote #
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)	
Sample(s) <u>NA</u> were received incorrectly preserved and were adjusted accordingly in sample receiving with <u>NA</u> mL of circle one: H2SO4, HNO3, HCl, NaOH using SR # <u>NA</u>	
Time of preservation <u>NA</u> . If more than one preservative is needed, please note in the comments below.	
Sample(s) <u>NA</u> were received with bubbles >6 mm in diameter.	
Samples(s) <u>NA</u> were received with TRC > 0.5 mg/L (If #19 is <i>no</i>) and were adjusted accordingly in sample receiving with sodium tiosulfate (Na ₂ S ₂ O ₃) with Unique ID: <u>NA</u>	

Comments: