From: Susan Petrofske
Sent: Wednesday, May 3, 2023 2:49 PM
To: linda.stanek@wisconsin.gov
Cc: Smullen, Joel <joel.smullen@marquette.edu>; Gluesing, Christopher <christopher.gluesing@marquette.edu>; Jeanne Tarvin <jtarvin@ramboll.com>; Mark Mejac <mmejac@ramboll.com>; Paul Lindquist <PLINDQUIST@ramboll.com>
Subject: BRRTS #: 02-41-152248 TAXMAN Investment (Former One-Valet Drycleaner): April 2023 Groundwater Data Transmittal

Hello Linda,

We have received the analytical results of the April 2023 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 second groundwater sampling event after the third injection of additional organic carbon amendments was conducted in July 2022.

A semi-annual progress report documenting the April 2023 sampling event will be submitted to the WDNR in early July 2023. We anticipate including a request for a reduction in sampling frequency due to the stable/decreasing conditions. Please let us know if a review fee will be required to secure your approval of a future sampling reduction request.

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.

Kind regards
Susan Petrofske

Senior Managing Consultant

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HOSPITAL PARKING STRUCTURE

UNIVERSITY PARKING STRUCTURE

PUBLIC ALLEY

N 12th STREET

WELLS STREET

MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
PZ-1R
PZ-2R
PZ-4
IW-1
IW-2
IW-3
IW-4
IW-5
IW-6
IW-7
IW-8
IP-1
SG-1
GUY
EMH
GV
GSV
WSV
WV
TMH

LEGEND

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- ASPHALT
- CONCRETE
- FENCE LINE
- 1-FT ELEVATION CONTOUR
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- TELEPHONE
- WATER LINE
- GAS
- CABLE TV
- FIBER OPTIC
- STORMWATER SEWER
- SANITARY SEWER
- STEAM
- CATCH BASIN
- MANHOLE
- VALVE
- TRAFFIC LIGHT
- TRANSFORMER
- METER
- LIGHT POLE
- 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.

0 25
SCALE IN FEET

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

RAMBOLL

FIGURE 1

DRAFTED BY: HJW/PDL | DATE: 1/20/2021 | 1690005819

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

TABLE 1

MNA Parameter Groundwater Sampling Results

Former One-Hour Valet Dry Cleaners

1214 West Wells Street, Milwaukee, Wisconsin

Ramboll Project No. 1690005819

DRAFT

Well ID	Sample Date	Dissolved Oxygen (mg/L)	Ethane (µg/L)	Ethene (µg/L)	pH	Iron, Dissolved (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	-37.0	NA	NA
	5/8/2002	3.57	NA	NA	NR	NA	NA	NA	287.1	NA	NA
	8/7/2003	0.22	NA	NA	NR	NA	NA	NA	161.3	NA	NA
	10/7/2003	1.05	0.028	0.049	NR	NA	14	NA	396.8	NA	NA
	8/25/2009	0.69	<10	<10	NR	NA	<10	NA	95.0	NA	1.26
	11/1/2017	1.69	<0.58	<0.52	7.31	0.0126 J	<1.4	<0.095	57.7	<100	<0.25
MW-2	1/14/2002	6.42	NA	NA	NR	NA	NA	NA	168.4	NA	NA
	5/8/2002	1.07	NA	NA	NR	NA	NA	NA	256.9	NA	NA
	8/7/2003	0.10	NA	NA	NR	NA	NA	NA	2.3	NA	NA
	10/7/2003	4.43	0.018	0.021	NR	NA	22	NA	364.0	NA	NA
	8/27/2009	0.98	NA	NA	NR	NA	NA	NA	86.0	NA	NA
	11/1/2017	1.71	<0.58	<0.52	7.70	1.77	<1.4	<0.095	-74.3	93.5	<0.25
MW-3	8/7/2003	0.15	NA	NA	NR	NA	NA	NA	68.0	NA	NA
	10/7/2003	5.74	0.16	0.056	NR	NA	45	NA	327.8	NA	NA
	8/27/2009	1.01	NA	NA	NR	NA	NA	NA	16.0	NA	NA
	11/1/2017[1]	0.73	NA	NA	7.56	NA	NA	NA	-125.6	NA	NA
MW-4	8/7/2003	5.83	NA	NA	NR	NA	NA	NA	139.0	NA	NA
	10/7/2003	3.44	0.021	0.033	NR	NA	22	NA	383.4	NA	NA
	8/25/2009	2.55	NA	NA	NR	NA	NA	NA	77.0	NA	NA
	11/2/2017	0.88	NA	NA	7.80	NA	NA	NA	-19.8	NA	NA
	5/2/2019	8.40	NA	NA	7.34	NA	NA	NA	140.7	NA	NA
	8/14/2019	1.82	NA	NA	7.11	NA	NA	NA	79.4	NA	NA
	3/10/2020	8.53	NA	NA	7.15	NA	NA	NA	81.6	NA	NA
	10/28/2020	1.45	NA	NA	6.65	NA	NA	NA	116.0	NA	NA
	4/21/2021	5.40	NA	NA	7.88	NA	NA	NA	53.9	NA	NA
	10/27/2021	2.13	NA	NA	6.82	NA	NA	NA	64.6	NA	NA
	4/13/2022	0.85	NA	NA	7.14	NA	NA	NA	72.6	NA	NA
	10/12/2022	0.96	NA	NA	7.30	NA	NA	NA	74.4	NA	NA
	4/12/2023	3.61	NA	NA	7.44	NA	NA	NA	-68.1	NA	NA
MW-5	8/7/2003	0.86	NA	NA	NR	NA	NA	NA	190.5	NA	NA
	10/7/2003	1.05	0.041	0.0097	NR	NA	0.99	NA	396.8	NA	NA
	8/27/2009	0.99	<10	<10	NR	NA	136	NA	98.0	NA	1.82
	11/2/2017	2.04	NA	NA	8.10	NA	NA	NA	18.6	NA	NA
	5/2/2019	2.01	NA	NA	7.49	NA	NA	NA	159.1	NA	NA
	8/14/2019	0.18	NA	NA	7.53	NA	NA	NA	63.4	NA	NA
	3/10/2020	0.00	NA	NA	7.80	NA	NA	NA	21.1	NA	NA
	10/28/2020	0.29	NA	NA	7.31	NA	NA	NA	47.2	NA	NA
	4/21/2021	0.19	NA	NA	7.85	NA	NA	NA	-18.0	NA	NA
	10/27/2021	0.52	NA	NA	7.40	NA	NA	NA	15.4	NA	NA
	4/13/2022	5.55	NA	NA	7.22	NA	NA	NA	63.1	NA	NA
	10/12/2022	0.70	NA	NA	7.54	NA	NA	NA	-27.2	NA	NA
	4/12/2023	0.82	NA	NA	7.25	NA	NA	NA	-88.2	NA	NA
MW-6	8/25/2009	1.0	NA	NA	NR	NA	NA	NA	-50.0	NA	NA
	11/9/2017[1]	0.62	<0.58	<0.52	7.39	13.6	<1.4	<0.095	-112.7	82.4	<0.25
	5/2/2019	11.38	<0.58	<0.52	9.31	103	<1.4	0.25 J	94.8	41.8	6.0
	8/14/2019	0.83	<0.58	<0.52	6.82	1.7	<1.4	<0.0	3.1	95.6	0.57 J
	3/10/2020	0.01	<1.2	<1.2	7.62	6.68	75.2	<0.059	-154.3	87 J	1.8
	10/28/2020	0.26	NA	NA	7.08	NA	NA	NA	-137.5	NA	NA
	4/21/2021	0.41	NA	NA	7.36	NA	NA	NA	-98.1	NA	NA
	10/27/2021	0.44	NA	NA	6.97	NA	NA	NA	-50.4	NA	NA
	4/13/2022	0.41	NA	NA	6.89	NA	NA	NA	-65.1	NA	NA
	10/12/2022	0.59	NA	NA	5.71	NA	NA	NA	-52.3	NA	NA
	4/12/2023	0.24	NA	NA	6.82	NA	NA	NA	-193.4	NA	NA
MW-7	8/26/2009	NA	NA	NA	NR	NA	NA	NA	NA	NA	NA
	11/9/2017[2]	7.49	NA	NA	7.72	NA	NA	NA	-50.7	NA	NA
MW-8	8/26/2009	NA	NA	NA	NR	NA	NA	NA	NA	NA	NA
	11/9/2017[3]	4.03	NA	NA	7.28	NA	NA	NA	-28.7	NA	NA
MW-9	8/27/2009	NA	<10	<10	NR	NA	<10	NA	NA	NA	1.27
	11/9/2017	6.40	NA	NA	7.75	NA	NA	NA	-42.6	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

DRAFT

Well ID	Sample Date	Dissolved Oxygen (mg/L)	Ethane (µg/L)	Ethene (µg/L)	pH	Iron, Dissolved (mg/L)	Methane (µg/L)	Nitrogen, NO_2 plus NO_3 (mg/L)	ORP (mV)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PZ-1	1/15/2002	0.66	NA	NA	NR	NA	NA	NA	-65.3	NA	NA
	5/8/2003	1.31	NA	NA	NR	NA	NA	NA	-18.3	NA	NA
	8/8/2003	0.12	NA	NA	NR	NA	NA	NA	-93.7	NA	NA
	10/7/2003	0.09	1.7	0.48	NR	NA	7	NA	-97.1	NA	NA
	8/25/2009	0.83	<10	<10	NR	NA	<10	NA	-73.0	NA	2.04
	11/2/2017	0.64	<0.58	<0.52	8.14	2.29	<1.4	0.33	38.5	155	0.50 J
PZ-1R	5/2/2019	1.01	337	32.4	7.05	5.88	23.1	<0.095	-102.6	101	124 J
	8/14/2019	0.21	3,060	87.2	6.97	5.70	129	<0.095	-138.4	93.1	184
	3/10/2020	0.00	2,130	974	7.58	4.60	162	<0.059	-270.1	85.9	115
	10/28/2020	0.21	1,560	1,320	6.47	NA	1510	NA	-126.9	4.9 J, D3	2,440
	4/21/2021	0.19	1,540	1,090	7.35	NA	2,680	NA	-487.7	<2.2	499
	10/27/2021	0.18	2.7 J	21.9	6.43	17.1	1,820	NA	-58.6	<2.2 D3	959
	4/13/2022	0.36	683	3,570	6.62	3.74	5,650	NA	-244.8	66.2	240
	10/12/2022	0.48	1,040 J	7,090	6.47	5.80	13,900	NA	-312.7	<2.2 D3	241
	4/12/2023	0.12	135	4,270	6.16	10.100	13,300	NA	-243.9	<0.44 M0	177
PZ-2	8/8/2003	0.19	NA	NA	NR	NA	NA	NA	-41.3	NA	NA
	10/6/2003	0.15	1.3	0.79	NR	NA	60	NA	-35.1	NA	NA
	8/27/2009	0.78	NA	NA	NR	NA	NA	NA	-16.0	NA	NA
	11/1/2017[1]	2.67	<0.58	<0.52	7.64	8.82	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	22	<0.095	-36.8	164	0.40 J
	3/10/2020	0.10	<1.2	<1.2	7.29	2.80	10.3	<0.059	-68.3	140	0.36 M0
	10/28/2020	0.35	NA	NA	6.99	NA	NA	NA	-80.6	NA	NA
	4/21/2021	0.47	NA	NA	7.65	NA	NA	NA	-81.7	NA	NA
	10/27/2021	0.38	NA	NA	7.19	NA	NA	NA	-45.8	NA	NA
	4/13/2022	0.57	NA	NA	7.11	NA	NA	NA	-40.0	NA	NA
	10/12/2022	0.81	NA	NA	6.9	NA	NA	NA	-65.8	NA	NA
	4/12/2023	0.37	NA	NA	7.00	NA	NA	NA	-162.9	NA	NA
PZ-3	8/25/2009	0.72	NA	NA	NR	NA	NA	NA	-53.0	NA	NA
	11/2/2017	1.34	NA	NA	7.98	NA	NA	NA	-103.8	NA	NA
PZ-4	8/25/2009	0.72	NA	NA	NR	NA	NA	NA	-55.0	NA	NA
	11/2/2017	1.47	NA	NA	7.76	NA	NA	NA	-111.8	NA	NA
	5/2/2019	2.99	NA	NA	7.02	NA	NA	NA	48.2	NA	NA
	8/14/2019	0.24	NA	NA	6.95	NA	NA	NA	-40.0	NA	NA
	3/10/2020	0.24	NA	NA	6.98	NA	NA	NA	-61.7	NA	NA
	10/28/2020	7.72	NA	NA	8.77	NA	NA	NA	12.4	NA	NA
	4/21/2021	0.54	NA	NA	7.44	NA	NA	NA	-88.1	NA	NA
	10/27/2021	0.31	NA	NA	7.09	NA	NA	NA	-36.9	NA	NA
	4/13/2022	0.56	NA	NA	6.89	NA	NA	NA	-35.5	NA	NA
	10/12/2022	0.98	NA	NA	6.92	NA	NA	NA	-110.9	NA	NA
	4/12/2023	0.82	NA	NA	6.97	NA	NA	NA	-175.1	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 resluts 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.

TABLE 2
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
	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
MW-2	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
	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
MW-3	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
	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
MW-4	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
	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
	4/12/2023	<0.30	<0.50	<0.58	<0.47	<0.53	<0.33	<0.32	**44.5**	<0.29	0.4 J	<0.45	<0.17	<1.0
MW-5	8/7/2003	ND	<0.25	<0.5	*11*	<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	*11.3*	<1.1	<0.22	<0.58	**20.5**	<0.17	*3.8*	<0.84	**2.1**	<1.5
	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	*11.3*	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	*12.3*	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	*10.6*	<0.53	<0.33	<0.32	**18.6**	<0.29	*3.6*	<0.45	**0.26 J**	<1.0
	4/12/2023	<0.30	<0.50	<0.58	4.4	<0.53	<0.33	<0.32	**10.5**	<0.29	*1.5*	<0.45	<0.17	<1.0

TABLE 2
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-6	8/25/2009	<0.2	<2	<5	**980**	<5	<5	<10	<5	<5	**18**	<2	**57**	<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
	8/14/2019	<0.25	<1.3	<0.24	*14.7* *M1*	<1.1	<0.22	<0.58	*1.3*	<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
	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
	4/12/2023	<0.30	<0.50	<0.58	*9.1*	<0.53	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	**1.8**	<1.0
MW-7	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-8	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[5]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	8/27/2009	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
	11/9/2017	<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
PZ-1	1/15/2002	ND	<1.2	<1.4	**400**	4 J	<1.1	<1.1	<1.1	<2.1	<1.2	<0.75	<1.3	#N/A
	5/8/2003	ND	<5	<5.5	**3,000**	*22*	<4	**23 J**	**8,500**	<4	**2,800**	<5.5	**22 J**	#N/A
	8/8/2003	ND	0.3 J	**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	<58.1	**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 J**	**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
	4/12/2023	<148	<252	<291	**72,100**	<264	<163	<160	**1,890**	<144	**240 J**	<224	**17,200**	<524
PZ-2	8/8/2003	ND	<0.25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.43 J	<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[6]	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 J	<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 J	<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
	4/12/2023	<0.30	<0.50	<0.58	**89.9**	1.5	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	**11.8**	<1.0

TABLE 2
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-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* J	<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	<0.5	<1	*0.84*	<0.5	*0.56*	<0.2	<0.2	<0.5
	11/2/2017	<0.50	<2.5	<0.41	<0.26	<0.26	<0.50	<0.23	<0.50	<0.50	<0.33	<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	*3*	<1.7	**1** J	<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 J	<0.46	<0.32	<0.58	**23.5**	<0.27	0.37 J	<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* J	<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 J	<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
	4/12/2023	<0.30	<0.50	<0.58	<0.47	<0.53	<0.33	<0.32	<0.41	<0.29	<0.32	<0.45	**3.7**	<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.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

April 24, 2023

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

RE: Project: 1690005819
Pace Project No.: 40260613

Dear Susan Petrofske:

Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2023. 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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

CERTIFICATIONS

Project: 1690005819
Pace Project No.: 40260613

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 1690005819
Pace Project No.: 40260613

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40260613001	**PZ-2R**	Water	04/12/23 07:39	04/13/23 09:10
40260613002	**MW-6**	Water	04/12/23 08:15	04/13/23 09:10
40260613003	**MW-6 DUP**	Water	04/12/23 08:17	04/13/23 09:10
40260613004	**PZ-4**	Water	04/12/23 09:08	04/13/23 09:10
40260613005	**MW-5**	Water	04/12/23 09:45	04/13/23 09:10
40260613006	**MW-4**	Water	04/12/23 10:35	04/13/23 09:10
40260613007	**PZ-1R**	Water	04/12/23 11:23	04/13/23 09:10
40260613008	**TRIP BLANK**	Water		04/13/23 09:10

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 1690005819
Pace Project No.: 40260613

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40260613001	**PZ-2R**	EPA 8260	EIB	65
40260613002	**MW-6**	EPA 8260	EIB	65
40260613003	**MW-6 DUP**	EPA 8260	EIB	65
40260613004	**PZ-4**	EPA 8260	EIB	65
40260613005	**MW-5**	EPA 8260	EIB	65
40260613006	**MW-4**	EPA 8260	EIB	65
40260613007	**PZ-1R**	EPA 8015B Modified	KHB	3
		EPA 6020B	KXS	1
		EPA 8260	EIB	65
		HACH 8146	BAF	1
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1
40260613008	**TRIP BLANK**	EPA 8260	EIB	65

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 1690005819
Pace Project No.: 40260613

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40260613001	**PZ-2R**					
EPA 8260	cis-1,2-Dichloroethene	89.9	ug/L	1.0	04/17/23 20:51	
EPA 8260	trans-1,2-Dichloroethene	1.5	ug/L	1.0	04/17/23 20:51	
EPA 8260	Vinyl chloride	11.8	ug/L	1.0	04/17/23 20:51	
40260613002	**MW-6**					
EPA 8260	cis-1,2-Dichloroethene	9.1	ug/L	1.0	04/17/23 21:11	
EPA 8260	Vinyl chloride	1.8	ug/L	1.0	04/17/23 21:11	
40260613003	**MW-6 DUP**					
EPA 8260	cis-1,2-Dichloroethene	8.4	ug/L	1.0	04/17/23 21:30	
EPA 8260	Vinyl chloride	1.7	ug/L	1.0	04/17/23 21:30	
40260613004	**PZ-4**					
EPA 8260	Vinyl chloride	3.7	ug/L	1.0	04/17/23 21:50	
40260613005	**MW-5**					
EPA 8260	cis-1,2-Dichloroethene	4.4	ug/L	1.0	04/17/23 22:09	
EPA 8260	Tetrachloroethene	10.5	ug/L	1.0	04/17/23 22:09	
EPA 8260	Trichloroethene	1.5	ug/L	1.0	04/17/23 22:09	
40260613006	**MW-4**					
EPA 8260	Tetrachloroethene	44.5	ug/L	1.0	04/17/23 22:29	
EPA 8260	Trichloroethene	0.40J	ug/L	1.0	04/17/23 22:29	
40260613007	**PZ-1R**					
EPA 8015B Modified	Ethane	135	ug/L	5.6	04/13/23 11:38	
EPA 8015B Modified	Ethene	4270	ug/L	500	04/13/23 12:42	
EPA 8015B Modified	Methane	13300	ug/L	280	04/13/23 12:42	
EPA 6020B	Iron	10100	ug/L	250	04/20/23 00:02	
EPA 8260	cis-1,2-Dichloroethene	72100	ug/L	500	04/18/23 01:03	
EPA 8260	Tetrachloroethene	1890	ug/L	500	04/18/23 01:03	
EPA 8260	Trichloroethene	240J	ug/L	500	04/18/23 01:03	
EPA 8260	Vinyl chloride	17200	ug/L	500	04/18/23 01:03	
SM 5310C	Total Organic Carbon	177	mg/L	150	04/18/23 09:22	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: PZ-2R **Lab ID: 40260613001** Collected: 04/12/23 07:39 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/17/23 20:51	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 20:51	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 20:51	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 20:51	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/17/23 20:51	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/17/23 20:51	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 20:51	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/17/23 20:51	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/17/23 20:51	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/17/23 20:51	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 20:51	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/17/23 20:51	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/17/23 20:51	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/17/23 20:51	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 20:51	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 20:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/17/23 20:51	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/17/23 20:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/17/23 20:51	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/17/23 20:51	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 20:51	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 20:51	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/17/23 20:51	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/17/23 20:51	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 20:51	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/17/23 20:51	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/17/23 20:51	75-35-4	
cis-1,2-Dichloroethene	**89.9**	ug/L	1.0	0.47	1		04/17/23 20:51	156-59-2	
trans-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.53	1		04/17/23 20:51	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/17/23 20:51	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 20:51	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 20:51	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 20:51	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/17/23 20:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/17/23 20:51	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 20:51	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 20:51	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/17/23 20:51	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/17/23 20:51	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 20:51	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/17/23 20:51	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 20:51	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/17/23 20:51	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 20:51	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 20:51	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: PZ-2R **Lab ID: 40260613001** Collected: 04/12/23 07:39 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 20:51	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/17/23 20:51	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 20:51	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/17/23 20:51	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 20:51	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/17/23 20:51	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 20:51	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/17/23 20:51	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/17/23 20:51	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 20:51	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/17/23 20:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/17/23 20:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 20:51	108-67-8	
Vinyl chloride	**11.8**	ug/L	1.0	0.17	1		04/17/23 20:51	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/17/23 20:51	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/17/23 20:51	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 20:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		04/17/23 20:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		04/17/23 20:51	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		04/17/23 20:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: MW-6 **Lab ID: 40260613002** Collected: 04/12/23 08:15 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:11	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:11	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:11	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:11	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/17/23 21:11	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/17/23 21:11	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 21:11	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:11	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/17/23 21:11	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/17/23 21:11	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 21:11	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/17/23 21:11	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/17/23 21:11	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/17/23 21:11	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 21:11	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 21:11	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/17/23 21:11	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/17/23 21:11	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/17/23 21:11	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/17/23 21:11	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 21:11	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 21:11	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/17/23 21:11	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/17/23 21:11	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:11	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/17/23 21:11	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/17/23 21:11	75-35-4	
cis-1,2-Dichloroethene	**9.1**	ug/L	1.0	0.47	1		04/17/23 21:11	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/17/23 21:11	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/17/23 21:11	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:11	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:11	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 21:11	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/17/23 21:11	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/17/23 21:11	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 21:11	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 21:11	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/17/23 21:11	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/17/23 21:11	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 21:11	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/17/23 21:11	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 21:11	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/17/23 21:11	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 21:11	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:11	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: MW-6 **Lab ID: 40260613002** Collected: 04/12/23 08:15 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:11	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/17/23 21:11	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 21:11	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/17/23 21:11	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 21:11	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/17/23 21:11	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:11	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/17/23 21:11	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/17/23 21:11	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:11	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/17/23 21:11	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/17/23 21:11	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:11	108-67-8	
Vinyl chloride	**1.8**	ug/L	1.0	0.17	1		04/17/23 21:11	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/17/23 21:11	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/17/23 21:11	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 21:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		04/17/23 21:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		04/17/23 21:11	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		04/17/23 21:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: MW-6 DUP **Lab ID: 40260613003** Collected: 04/12/23 08:17 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:30	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:30	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:30	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:30	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/17/23 21:30	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/17/23 21:30	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 21:30	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:30	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/17/23 21:30	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/17/23 21:30	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 21:30	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/17/23 21:30	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/17/23 21:30	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/17/23 21:30	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 21:30	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 21:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/17/23 21:30	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/17/23 21:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/17/23 21:30	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/17/23 21:30	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 21:30	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 21:30	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/17/23 21:30	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/17/23 21:30	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:30	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/17/23 21:30	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/17/23 21:30	75-35-4	
cis-1,2-Dichloroethene	**8.4**	ug/L	1.0	0.47	1		04/17/23 21:30	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/17/23 21:30	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/17/23 21:30	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:30	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:30	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 21:30	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/17/23 21:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/17/23 21:30	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 21:30	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 21:30	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/17/23 21:30	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/17/23 21:30	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 21:30	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/17/23 21:30	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 21:30	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/17/23 21:30	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 21:30	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:30	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: MW-6 DUP **Lab ID: 40260613003** Collected: 04/12/23 08:17 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:30	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/17/23 21:30	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 21:30	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/17/23 21:30	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 21:30	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/17/23 21:30	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:30	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/17/23 21:30	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/17/23 21:30	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:30	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/17/23 21:30	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/17/23 21:30	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:30	108-67-8	
Vinyl chloride	**1.7**	ug/L	1.0	0.17	1		04/17/23 21:30	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/17/23 21:30	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/17/23 21:30	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 21:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		04/17/23 21:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/17/23 21:30	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		04/17/23 21:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: PZ-4 **Lab ID: 40260613004** Collected: 04/12/23 09:08 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:50	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:50	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:50	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:50	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/17/23 21:50	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/17/23 21:50	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 21:50	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:50	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/17/23 21:50	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/17/23 21:50	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 21:50	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/17/23 21:50	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/17/23 21:50	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/17/23 21:50	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 21:50	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 21:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/17/23 21:50	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/17/23 21:50	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/17/23 21:50	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/17/23 21:50	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 21:50	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 21:50	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/17/23 21:50	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/17/23 21:50	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:50	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/17/23 21:50	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/17/23 21:50	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		04/17/23 21:50	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/17/23 21:50	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/17/23 21:50	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:50	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:50	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 21:50	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/17/23 21:50	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/17/23 21:50	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 21:50	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 21:50	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/17/23 21:50	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/17/23 21:50	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 21:50	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/17/23 21:50	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 21:50	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/17/23 21:50	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 21:50	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:50	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

Project: 1690005819
Pace Project No.: 40260613

Sample: PZ-4 **Lab ID: 40260613004** Collected: 04/12/23 09:08 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:50	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/17/23 21:50	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 21:50	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/17/23 21:50	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 21:50	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/17/23 21:50	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 21:50	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/17/23 21:50	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/17/23 21:50	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 21:50	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/17/23 21:50	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/17/23 21:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 21:50	108-67-8	
Vinyl chloride	**3.7**	ug/L	1.0	0.17	1		04/17/23 21:50	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/17/23 21:50	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/17/23 21:50	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 21:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		04/17/23 21:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/17/23 21:50	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		04/17/23 21:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: MW-5 **Lab ID: 40260613005** Collected: 04/12/23 09:45 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/17/23 22:09	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 22:09	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 22:09	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 22:09	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/17/23 22:09	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/17/23 22:09	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 22:09	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/17/23 22:09	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/17/23 22:09	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/17/23 22:09	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 22:09	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/17/23 22:09	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/17/23 22:09	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/17/23 22:09	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 22:09	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 22:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/17/23 22:09	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/17/23 22:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/17/23 22:09	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/17/23 22:09	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 22:09	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 22:09	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/17/23 22:09	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/17/23 22:09	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 22:09	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/17/23 22:09	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/17/23 22:09	75-35-4	
cis-1,2-Dichloroethene	**4.4**	ug/L	1.0	0.47	1		04/17/23 22:09	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/17/23 22:09	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/17/23 22:09	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 22:09	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 22:09	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 22:09	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/17/23 22:09	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/17/23 22:09	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 22:09	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 22:09	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/17/23 22:09	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/17/23 22:09	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 22:09	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/17/23 22:09	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 22:09	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/17/23 22:09	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 22:09	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 22:09	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: MW-5 **Lab ID: 40260613005** Collected: 04/12/23 09:45 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 22:09	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/17/23 22:09	79-34-5	
Tetrachloroethene	**10.5**	ug/L	1.0	0.41	1		04/17/23 22:09	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/17/23 22:09	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 22:09	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/17/23 22:09	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 22:09	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/17/23 22:09	79-00-5	
Trichloroethene	**1.5**	ug/L	1.0	0.32	1		04/17/23 22:09	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 22:09	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/17/23 22:09	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/17/23 22:09	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 22:09	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/17/23 22:09	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/17/23 22:09	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/17/23 22:09	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 22:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/17/23 22:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/17/23 22:09	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		04/17/23 22:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: MW-4 **Lab ID: 40260613006** Collected: 04/12/23 10:35 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/17/23 22:29	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 22:29	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 22:29	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 22:29	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/17/23 22:29	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/17/23 22:29	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 22:29	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/17/23 22:29	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/17/23 22:29	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/17/23 22:29	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 22:29	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/17/23 22:29	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/17/23 22:29	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/17/23 22:29	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 22:29	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 22:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/17/23 22:29	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/17/23 22:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/17/23 22:29	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/17/23 22:29	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 22:29	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 22:29	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/17/23 22:29	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/17/23 22:29	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 22:29	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/17/23 22:29	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/17/23 22:29	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		04/17/23 22:29	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/17/23 22:29	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/17/23 22:29	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 22:29	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 22:29	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 22:29	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/17/23 22:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/17/23 22:29	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 22:29	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 22:29	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/17/23 22:29	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/17/23 22:29	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 22:29	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/17/23 22:29	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 22:29	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/17/23 22:29	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 22:29	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 22:29	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: MW-4 **Lab ID: 40260613006** Collected: 04/12/23 10:35 Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 22:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/17/23 22:29	79-34-5	
Tetrachloroethene	**44.5**	ug/L	1.0	0.41	1		04/17/23 22:29	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/17/23 22:29	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 22:29	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/17/23 22:29	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 22:29	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/17/23 22:29	79-00-5	
Trichloroethene	**0.40J**	ug/L	1.0	0.32	1		04/17/23 22:29	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 22:29	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/17/23 22:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/17/23 22:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 22:29	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/17/23 22:29	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/17/23 22:29	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/17/23 22:29	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 22:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		04/17/23 22:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/17/23 22:29	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		04/17/23 22:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: PZ-1R **Lab ID: 40260613007** Collected: 04/12/23 11:23 Received: 04/13/23 09:10 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	**135**	ug/L	5.6	0.39	1		04/13/23 11:38	74-84-0	
Ethene	**4270**	ug/L	500	25.2	100		04/13/23 12:42	74-85-1	
Methane	**13300**	ug/L	280	57.6	100		04/13/23 12:42	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**10100**	ug/L	250	58.0	1	04/18/23 06:17	04/20/23 00:02	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<148**	ug/L	500	148	500		04/18/23 01:03	71-43-2	
Bromobenzene	**<180**	ug/L	500	180	500		04/18/23 01:03	108-86-1	
Bromochloromethane	**<179**	ug/L	500	179	500		04/18/23 01:03	74-97-5	
Bromodichloromethane	**<208**	ug/L	500	208	500		04/18/23 01:03	75-27-4	
Bromoform	**<214**	ug/L	500	214	500		04/18/23 01:03	75-25-2	
Bromomethane	**<596**	ug/L	2500	596	500		04/18/23 01:03	74-83-9	
n-Butylbenzene	**<429**	ug/L	500	429	500		04/18/23 01:03	104-51-8	
sec-Butylbenzene	**<212**	ug/L	500	212	500		04/18/23 01:03	135-98-8	
tert-Butylbenzene	**<293**	ug/L	500	293	500		04/18/23 01:03	98-06-6	
Carbon tetrachloride	**<185**	ug/L	500	185	500		04/18/23 01:03	56-23-5	
Chlorobenzene	**<428**	ug/L	500	428	500		04/18/23 01:03	108-90-7	
Chloroethane	**<690**	ug/L	2500	690	500		04/18/23 01:03	75-00-3	
Chloroform	**<252**	ug/L	2500	252	500		04/18/23 01:03	67-66-3	
Chloromethane	**<818**	ug/L	2500	818	500		04/18/23 01:03	74-87-3	
2-Chlorotoluene	**<445**	ug/L	2500	445	500		04/18/23 01:03	95-49-8	
4-Chlorotoluene	**<447**	ug/L	2500	447	500		04/18/23 01:03	106-43-4	
1,2-Dibromo-3-chloropropane	**<1180**	ug/L	2500	1180	500		04/18/23 01:03	96-12-8	
Dibromochloromethane	**<1320**	ug/L	2500	1320	500		04/18/23 01:03	124-48-1	
1,2-Dibromoethane (EDB)	**<155**	ug/L	500	155	500		04/18/23 01:03	106-93-4	
Dibromomethane	**<495**	ug/L	2500	495	500		04/18/23 01:03	74-95-3	
1,2-Dichlorobenzene	**<163**	ug/L	500	163	500		04/18/23 01:03	95-50-1	
1,3-Dichlorobenzene	**<176**	ug/L	500	176	500		04/18/23 01:03	541-73-1	
1,4-Dichlorobenzene	**<446**	ug/L	500	446	500		04/18/23 01:03	106-46-7	
Dichlorodifluoromethane	**<228**	ug/L	2500	228	500		04/18/23 01:03	75-71-8	
1,1-Dichloroethane	**<148**	ug/L	500	148	500		04/18/23 01:03	75-34-3	
1,2-Dichloroethane	**<146**	ug/L	500	146	500		04/18/23 01:03	107-06-2	
1,1-Dichloroethene	**<291**	ug/L	500	291	500		04/18/23 01:03	75-35-4	
cis-1,2-Dichloroethene	**72100**	ug/L	500	236	500		04/18/23 01:03	156-59-2	
trans-1,2-Dichloroethene	**<264**	ug/L	500	264	500		04/18/23 01:03	156-60-5	
1,2-Dichloropropane	**<224**	ug/L	500	224	500		04/18/23 01:03	78-87-5	
1,3-Dichloropropane	**<152**	ug/L	500	152	500		04/18/23 01:03	142-28-9	
2,2-Dichloropropane	**<209**	ug/L	500	209	500		04/18/23 01:03	594-20-7	
1,1-Dichloropropene	**<205**	ug/L	500	205	500		04/18/23 01:03	563-58-6	
cis-1,3-Dichloropropene	**<119**	ug/L	500	119	500		04/18/23 01:03	10061-01-5	
trans-1,3-Dichloropropene	**<133**	ug/L	500	133	500		04/18/23 01:03	10061-02-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: PZ-1R **Lab ID: 40260613007** Collected: 04/12/23 11:23 Received: 04/13/23 09:10 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		04/18/23 01:03	108-20-3	
Ethylbenzene	**<163**	ug/L	500	163	500		04/18/23 01:03	100-41-4	
Hexachloro-1,3-butadiene	**<1370**	ug/L	2500	1370	500		04/18/23 01:03	87-68-3	
Isopropylbenzene (Cumene)	**<500**	ug/L	2500	500	500		04/18/23 01:03	98-82-8	
p-Isopropyltoluene	**<522**	ug/L	2500	522	500		04/18/23 01:03	99-87-6	
Methylene Chloride	**<160**	ug/L	2500	160	500		04/18/23 01:03	75-09-2	
Methyl-tert-butyl ether	**<565**	ug/L	2500	565	500		04/18/23 01:03	1634-04-4	
Naphthalene	**<959**	ug/L	2500	959	500		04/18/23 01:03	91-20-3	
n-Propylbenzene	**<173**	ug/L	500	173	500		04/18/23 01:03	103-65-1	
Styrene	**<178**	ug/L	500	178	500		04/18/23 01:03	100-42-5	
1,1,1,2-Tetrachloroethane	**<178**	ug/L	500	178	500		04/18/23 01:03	630-20-6	
1,1,2,2-Tetrachloroethane	**<189**	ug/L	500	189	500		04/18/23 01:03	79-34-5	
Tetrachloroethene	**1890**	ug/L	500	204	500		04/18/23 01:03	127-18-4	
Toluene	**<144**	ug/L	500	144	500		04/18/23 01:03	108-88-3	
1,2,3-Trichlorobenzene	**<509**	ug/L	2500	509	500		04/18/23 01:03	87-61-6	
1,2,4-Trichlorobenzene	**<475**	ug/L	2500	475	500		04/18/23 01:03	120-82-1	
1,1,1-Trichloroethane	**<151**	ug/L	500	151	500		04/18/23 01:03	71-55-6	
1,1,2-Trichloroethane	**<172**	ug/L	500	172	500		04/18/23 01:03	79-00-5	
Trichloroethene	**240J**	ug/L	500	160	500		04/18/23 01:03	79-01-6	
Trichlorofluoromethane	**<209**	ug/L	500	209	500		04/18/23 01:03	75-69-4	
1,2,3-Trichloropropane	**<278**	ug/L	500	278	500		04/18/23 01:03	96-18-4	
1,2,4-Trimethylbenzene	**<224**	ug/L	500	224	500		04/18/23 01:03	95-63-6	
1,3,5-Trimethylbenzene	**<179**	ug/L	500	179	500		04/18/23 01:03	108-67-8	
Vinyl chloride	**17200**	ug/L	500	87.2	500		04/18/23 01:03	75-01-4	
Xylene (Total)	**<524**	ug/L	1500	524	500		04/18/23 01:03	1330-20-7	
m&p-Xylene	**<350**	ug/L	1000	350	500		04/18/23 01:03	179601-23-1	
o-Xylene	**<174**	ug/L	500	174	500		04/18/23 01:03	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		500		04/18/23 01:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		500		04/18/23 01:03	2199-69-1	
Toluene-d8 (S)	103	%	70-130		500		04/18/23 01:03	2037-26-5	
Iron, Ferric Calculation	Analytical Method: HACH 8146 Pace Analytical Services - Green Bay								
Iron, Ferric	**<0.13**	mg/L	0.50	0.13	10		04/24/23 12:13	20074-52-6	1q,2q
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**<0.44**	mg/L	2.0	0.44	1		04/20/23 17:45	14808-79-8	M0
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**177**	mg/L	150	41.5	300		04/18/23 09:22	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: TRIP BLANK **Lab ID: 40260613008** Collected: Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/17/23 19:33	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 19:33	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 19:33	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 19:33	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/17/23 19:33	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/17/23 19:33	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 19:33	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/17/23 19:33	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/17/23 19:33	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/17/23 19:33	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/17/23 19:33	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/17/23 19:33	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/17/23 19:33	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/17/23 19:33	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 19:33	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/17/23 19:33	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/17/23 19:33	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/17/23 19:33	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/17/23 19:33	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/17/23 19:33	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 19:33	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 19:33	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/17/23 19:33	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/17/23 19:33	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 19:33	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/17/23 19:33	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/17/23 19:33	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		04/17/23 19:33	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/17/23 19:33	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/17/23 19:33	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 19:33	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 19:33	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 19:33	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/17/23 19:33	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/17/23 19:33	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 19:33	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/17/23 19:33	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/17/23 19:33	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/17/23 19:33	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 19:33	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/17/23 19:33	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/17/23 19:33	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/17/23 19:33	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 19:33	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 19:33	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40260613

Sample: TRIP BLANK **Lab ID: 40260613008** Collected: Received: 04/13/23 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/17/23 19:33	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/17/23 19:33	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		04/17/23 19:33	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/17/23 19:33	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/17/23 19:33	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/17/23 19:33	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/17/23 19:33	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/17/23 19:33	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/17/23 19:33	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/17/23 19:33	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/17/23 19:33	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/17/23 19:33	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/17/23 19:33	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/17/23 19:33	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/17/23 19:33	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/17/23 19:33	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/17/23 19:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		04/17/23 19:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/17/23 19:33	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		04/17/23 19:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40260613

QC Batch: 442251
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40260613007

METHOD BLANK: 2539141 Matrix: Water
Associated Lab Samples: 40260613007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	04/13/23 08:46	
Ethene	ug/L	<0.25	5.0	04/13/23 08:46	
Methane	ug/L	<0.58	2.8	04/13/23 08:46	

LABORATORY CONTROL SAMPLE & LCSD: 2539142 2539143

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	48.2	52.1	90	97	80-120	8	20	
Ethene	ug/L	50	45.0	48.5	90	97	80-120	8	20	
Methane	ug/L	28.6	25.4	27.7	89	97	80-120	9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2539144 2539145

Parameter	Units	40260403004 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	46.9	50.1	88	93	77-120	7	20	
Ethene	ug/L	<0.25	50	50	43.4	46.3	87	93	76-120	6	20	
Methane	ug/L	28.3	28.6	28.6	90.7	99.6	219	250	12-198	9	26	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40260613

QC Batch: 442579
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40260613007

METHOD BLANK: 2541081 Matrix: Water
Associated Lab Samples: 40260613007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<58.0	250	04/19/23 22:04	

LABORATORY CONTROL SAMPLE: 2541082

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	10400	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541083 2541084

Parameter	Units	40260566015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	1550	10000	10000	12000	11900	105	103	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40260613

QC Batch: 442454
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40260613001, 40260613002, 40260613003, 40260613004, 40260613005, 40260613006, 40260613007, 40260613008

METHOD BLANK: 2540742
Matrix: Water
Associated Lab Samples: 40260613001, 40260613002, 40260613003, 40260613004, 40260613005, 40260613006, 40260613007, 40260613008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/17/23 17:56	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/17/23 17:56	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/17/23 17:56	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	04/17/23 17:56	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/17/23 17:56	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/17/23 17:56	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/17/23 17:56	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/17/23 17:56	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	04/17/23 17:56	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/17/23 17:56	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/17/23 17:56	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/17/23 17:56	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/17/23 17:56	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/17/23 17:56	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/17/23 17:56	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/17/23 17:56	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/17/23 17:56	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/17/23 17:56	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/17/23 17:56	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/17/23 17:56	
2,2-Dichloropropane	ug/L	<0.42	1.0	04/17/23 17:56	
2-Chlorotoluene	ug/L	<0.89	5.0	04/17/23 17:56	
4-Chlorotoluene	ug/L	<0.89	5.0	04/17/23 17:56	
Benzene	ug/L	<0.30	1.0	04/17/23 17:56	
Bromobenzene	ug/L	<0.36	1.0	04/17/23 17:56	
Bromochloromethane	ug/L	<0.36	1.0	04/17/23 17:56	
Bromodichloromethane	ug/L	<0.42	1.0	04/17/23 17:56	
Bromoform	ug/L	<0.43	1.0	04/17/23 17:56	
Bromomethane	ug/L	<1.2	5.0	04/17/23 17:56	
Carbon tetrachloride	ug/L	<0.37	1.0	04/17/23 17:56	
Chlorobenzene	ug/L	<0.86	1.0	04/17/23 17:56	
Chloroethane	ug/L	<1.4	5.0	04/17/23 17:56	
Chloroform	ug/L	<0.50	5.0	04/17/23 17:56	
Chloromethane	ug/L	<1.6	5.0	04/17/23 17:56	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/17/23 17:56	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	04/17/23 17:56	
Dibromochloromethane	ug/L	<2.6	5.0	04/17/23 17:56	
Dibromomethane	ug/L	<0.99	5.0	04/17/23 17:56	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/17/23 17:56	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40260613

METHOD BLANK: 2540742 Matrix: Water

Associated Lab Samples: 40260613001, 40260613002, 40260613003, 40260613004, 40260613005, 40260613006, 40260613007, 40260613008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	04/17/23 17:56	
Ethylbenzene	ug/L	<0.33	1.0	04/17/23 17:56	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/17/23 17:56	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/17/23 17:56	
m&p-Xylene	ug/L	<0.70	2.0	04/17/23 17:56	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/17/23 17:56	
Methylene Chloride	ug/L	<0.32	5.0	04/17/23 17:56	
n-Butylbenzene	ug/L	<0.86	1.0	04/17/23 17:56	
n-Propylbenzene	ug/L	<0.35	1.0	04/17/23 17:56	
Naphthalene	ug/L	<1.9	5.0	04/17/23 17:56	
o-Xylene	ug/L	<0.35	1.0	04/17/23 17:56	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/17/23 17:56	
sec-Butylbenzene	ug/L	<0.42	1.0	04/17/23 17:56	
Styrene	ug/L	<0.36	1.0	04/17/23 17:56	
tert-Butylbenzene	ug/L	<0.59	1.0	04/17/23 17:56	
Tetrachloroethene	ug/L	<0.41	1.0	04/17/23 17:56	
Toluene	ug/L	<0.29	1.0	04/17/23 17:56	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/17/23 17:56	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	04/17/23 17:56	
Trichloroethene	ug/L	<0.32	1.0	04/17/23 17:56	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/17/23 17:56	
Vinyl chloride	ug/L	<0.17	1.0	04/17/23 17:56	
Xylene (Total)	ug/L	<1.0	3.0	04/17/23 17:56	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	04/17/23 17:56	
4-Bromofluorobenzene (S)	%	108	70-130	04/17/23 17:56	
Toluene-d8 (S)	%	102	70-130	04/17/23 17:56	

LABORATORY CONTROL SAMPLE: 2540743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.1	106	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	54.6	109	69-130	
1,1,2-Trichloroethane	ug/L	50	53.3	107	70-130	
1,1-Dichloroethane	ug/L	50	52.5	105	70-130	
1,1-Dichloroethene	ug/L	50	52.5	105	74-131	
1,2,4-Trichlorobenzene	ug/L	50	45.2	90	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	43.5	87	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	70-130	
1,2-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,2-Dichloroethane	ug/L	50	52.8	106	70-137	
1,2-Dichloropropane	ug/L	50	53.4	107	80-121	
1,3-Dichlorobenzene	ug/L	50	53.7	107	70-130	
1,4-Dichlorobenzene	ug/L	50	50.7	101	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40260613

LABORATORY CONTROL SAMPLE: 2540743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	52.3	105	70-130	
Bromodichloromethane	ug/L	50	52.8	106	70-130	
Bromoform	ug/L	50	46.7	93	70-130	
Bromomethane	ug/L	50	39.3	79	21-147	
Carbon tetrachloride	ug/L	50	57.6	115	80-146	
Chlorobenzene	ug/L	50	52.4	105	70-130	
Chloroethane	ug/L	50	47.2	94	52-165	
Chloroform	ug/L	50	53.2	106	80-123	
Chloromethane	ug/L	50	37.6	75	51-122	
cis-1,2-Dichloroethene	ug/L	50	49.3	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	70-130	
Dibromochloromethane	ug/L	50	51.2	102	70-130	
Dichlorodifluoromethane	ug/L	50	19.7	39	25-121	
Ethylbenzene	ug/L	50	54.9	110	80-120	
Isopropylbenzene (Cumene)	ug/L	50	51.3	103	70-130	
m&p-Xylene	ug/L	100	107	107	70-130	
Methyl-tert-butyl ether	ug/L	50	52.9	106	70-130	
Methylene Chloride	ug/L	50	54.1	108	70-130	
o-Xylene	ug/L	50	53.3	107	70-130	
Styrene	ug/L	50	61.3	123	70-130	
Tetrachloroethene	ug/L	50	51.5	103	70-130	
Toluene	ug/L	50	52.4	105	80-120	
trans-1,2-Dichloroethene	ug/L	50	53.6	107	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.4	103	70-130	
Trichloroethene	ug/L	50	51.8	104	70-130	
Trichlorofluoromethane	ug/L	50	49.6	99	65-160	
Vinyl chloride	ug/L	50	43.5	87	63-134	
Xylene (Total)	ug/L	150	160	107	70-130	
1,2-Dichlorobenzene-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			110	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2540842 2540843

Parameter	Units	40260671002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.00030 mg/L	50	50	54.4	52.1	109	104	70-134	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.00038 mg/L	50	50	55.1	53.7	110	107	61-135	3	20	
1,1,2-Trichloroethane	ug/L	<0.00034 mg/L	50	50	52.3	50.8	105	102	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.00030 mg/L	50	50	53.4	51.2	107	102	70-130	4	20	
1,1-Dichloroethene	ug/L	<0.00058 mg/L	50	50	54.2	52.2	108	104	71-130	4	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40260613

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2540842 2540843

Parameter	Units	40260671002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/L	<0.00095 mg/L	50	50	44.8	44.8	90	90	68-131	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<0.0024 mg/L	50	50	45.9	44.9	92	90	51-141	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.00031 mg/L	50	50	48.9	48.0	98	96	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.00033 mg/L	50	50	51.6	50.1	103	100	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.00029 mg/L	50	50	51.4	49.9	103	100	70-137	3	20	
1,2-Dichloropropane	ug/L	<0.00045 mg/L	50	50	53.6	50.9	107	102	80-121	5	20	
1,3-Dichlorobenzene	ug/L	<0.00035 mg/L	50	50	53.4	51.0	107	102	70-130	5	20	
1,4-Dichlorobenzene	ug/L	<0.00089 mg/L	50	50	51.4	48.8	103	98	70-130	5	20	
Benzene	ug/L	<0.00030 mg/L	50	50	51.7	49.9	103	100	70-130	4	20	
Bromodichloromethane	ug/L	<0.00042 mg/L	50	50	52.7	50.1	105	100	70-130	5	20	
Bromoform	ug/L	<0.00043 mg/L	50	50	47.9	46.4	96	93	70-133	3	20	
Bromomethane	ug/L	<0.0012 mg/L	50	50	41.2	40.5	82	81	21-149	2	22	
Carbon tetrachloride	ug/L	<0.00037 mg/L	50	50	59.0	57.5	118	115	80-146	3	20	
Chlorobenzene	ug/L	<0.00086 mg/L	50	50	51.4	50.5	103	101	70-130	2	20	
Chloroethane	ug/L	<0.0014 mg/L	50	50	48.0	46.8	96	94	52-165	2	20	
Chloroform	ug/L	<0.00050 mg/L	50	50	53.6	51.0	107	102	80-123	5	20	
Chloromethane	ug/L	<0.0016 mg/L	50	50	39.6	37.0	79	74	42-125	7	20	
cis-1,2-Dichloroethene	ug/L	<0.00047 mg/L	50	50	49.5	46.8	99	94	70-130	6	20	
cis-1,3-Dichloropropene	ug/L	<0.00024 mg/L	50	50	51.3	50.5	103	101	70-130	2	20	
Dibromochloromethane	ug/L	<0.0026 mg/L	50	50	51.1	48.3	102	97	70-130	6	20	
Dichlorodifluoromethane	ug/L	<0.00046 mg/L	50	50	20.1	19.0	40	38	25-121	5	20	
Ethylbenzene	ug/L	<0.00033 mg/L	50	50	54.1	52.4	108	105	80-121	3	20	
Isopropylbenzene (Cumene)	ug/L	<0.0010 mg/L	50	50	51.9	50.1	104	100	70-130	4	20	
m&p-Xylene	ug/L	<0.00070 mg/L	100	100	104	101	104	101	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<0.0011 mg/L	50	50	53.0	51.3	106	103	70-130	3	20	
Methylene Chloride	ug/L	<0.00032 mg/L	50	50	55.3	52.4	111	105	70-130	5	20	
o-Xylene	ug/L	<0.00035 mg/L	50	50	52.9	51.4	106	103	70-130	3	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40260613

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2540842 2540843

Parameter	Units	40260671002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Styrene	ug/L	<0.00036 mg/L	50	50	61.0	59.1	122	118	70-132	3	20	
Tetrachloroethene	ug/L	<0.00041 mg/L	50	50	52.1	49.1	104	98	70-130	6	20	
Toluene	ug/L	<0.00029 mg/L	50	50	52.6	50.0	105	100	80-120	5	20	
trans-1,2-Dichloroethene	ug/L	<0.00053 mg/L	50	50	55.1	53.1	110	106	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	<0.00027 mg/L	50	50	49.5	48.8	99	98	70-130	1	20	
Trichloroethene	ug/L	<0.00032 mg/L	50	50	51.9	50.8	104	102	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.00042 mg/L	50	50	50.4	48.5	101	97	65-160	4	20	
Vinyl chloride	ug/L	<0.00017 mg/L	50	50	44.3	42.4	89	85	60-137	4	20	
Xylene (Total)	ug/L	<0.0010 mg/L	150	150	157	152	105	102	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						104	100	70-130			
4-Bromofluorobenzene (S)	%						107	104	70-130			
Toluene-d8 (S)	%						101	102	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40260613

QC Batch: 442679
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40260613007

METHOD BLANK: 2541453 Matrix: Water
Associated Lab Samples: 40260613007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	04/20/23 11:20	

LABORATORY CONTROL SAMPLE: 2541454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541455 2541456

Parameter	Units	40260403006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	49.9	200	200	257	240	103	95	90-110	7	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541457 2541458

Parameter	Units	40260613007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	<0.44	20	20	22.0	24.1	110	120	90-110	9	15	M0

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40260613

QC Batch: 442570
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40260613007

METHOD BLANK: 2541053 Matrix: Water
Associated Lab Samples: 40260613007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	04/18/23 04:49	

LABORATORY CONTROL SAMPLE: 2541054

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.7	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541055 2541056

Parameter	Units	10648512001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	0.48J	6	6	6.0	6.0	92	92	80-120	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541057 2541058

Parameter	Units	40260601001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	118	360	360	460	453	95	93	80-120	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 1690005819
Pace Project No.: 40260613

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	Diution for calculation purposes only.
2q	Result is -1.9mg/L, this is more negative than the reporting limit.
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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690005819
Pace Project No.: 40260613

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40260613007	**PZ-1R**	EPA 8015B Modified	442251		
40260613007	**PZ-1R**	EPA 3010A	442579	EPA 6020B	442670
40260613001	**PZ-2R**	EPA 8260	442454		
40260613002	**MW-6**	EPA 8260	442454		
40260613003	**MW-6 DUP**	EPA 8260	442454		
40260613004	**PZ-4**	EPA 8260	442454		
40260613005	**MW-5**	EPA 8260	442454		
40260613006	**MW-4**	EPA 8260	442454		
40260613007	**PZ-1R**	EPA 8260	442454		
40260613008	**TRIP BLANK**	EPA 8260	442454		
40260613007	**PZ-1R**	HACH 8146	443115		
40260613007	**PZ-1R**	EPA 300.0	442679		
40260613007	**PZ-1R**	SM 5310C	442570		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

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

ALL SHADED AREAS are for LAB USE ONLY

Company: RAMBOLL

Billing Information:

Address: 234 W FLORIDA ST 5TH FLOOR

Report To: SPETROFSKG@RAMBOLL.COM

Email To:

Copy To: PLINDQUIST@RAMBOLL.COM

Site Collection Info/Address:

Customer Project Name/Number: 1690005819

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

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): D.GLASFORD

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): [signature]

Turnaround Date Required: STD

Immediately Packed on Ice: [ ] Yes [ ] No

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

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

Field Filtered (if applicable): [X] Yes [ ] No
Analysis: 250 HNO3

Container Preservative Type **: 3 | 3 | 3/1 | 2 | U

** 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 ______

Lab Project Manager:

* 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 Date	Collected Time*	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 8260B	MEE 8015B MOD	FERROUS IRON 3500+6020	TOC 5310C	SULFATE 300.0	Lab Sample # / Comments
PZ-2R	GW	G	4.12.23	07:39				3	X					001
MW-6	↓	↓	↓	08:15				2	X					002
MW-6DUP				08:17				3	X					003
PZ-4				09:08				3	X					004
MW-5				09:45				3	X					005
MW-4				10:35				3	X					006
PZ-1R	↓	↓	↓	11:23				11	X	X	X	X	X	007
TRIP BLANK	—	—	—	—				2	X					008

Lab Profile/Line:
Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: ______
Sample pH Acceptable Y N NA
pH Strips: ______
Sulfide Present Y N NA
Lead Acetate Strips: ______
LAB USE ONLY:
Lab Sample # / Comments:
MVB 04/13/2023

Customer Remarks / Special Conditions / Possible Hazards: * times added via times on sample labels MVB 04/13/2023

Type of Ice Used: Wet Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): Y N NA
MVB See

SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #: 2830026
Samples received via: FEDEX UPS Client Courier Pace Courier
SCW 04/13/2023

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: ______
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] RAMBOLL	4-12-23 1345	CS LOGISTICS	4-12-23 1345
CS Logistics	04/13/2023 09:10	Matt VanSambeek Pace	04/13/2023 09:10

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:
MVB 04/13/2023

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Sample Preservation Receipt Form

Client Name: Ramboll

Project #

All containers needing preservation have been checked and noted below. ☑Yes ☐No ☐N/A

Lab Lot# of pH paper: HC904495 Lab Std #ID of preservation (if pH adjusted).

Initial when completed: [illegible] Date/ Time

Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	Glass							Plastic						Vials						Jars				General										
001																	3																	2.5 / 5
002																	2																	2.5 / 5
003																	3																	2.5 / 5
004																	3																	2.5 / 5
005																	3																	2.5 / 5
006																	3																	2.5 / 5
007				1					1		1						3															X		2.5 / 5
008																	2																	2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

[illegible] 04/13/2022

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

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

AG1U	1 liter amber glass	**BP1U**	1 liter plastic unpres	**VG9C**	40 mL clear ascorbic w/ HCl	**JGFU**	4 oz amber jar unpres
BG1U	1 liter clear glass	**BP3U**	250 mL plastic unpres	**DG9T**	40 mL amber Na Thio	**JG9U**	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	**BP3B**	250 mL plastic NaOH	**VG9U**	40 mL clear vial unpres	**WGFU**	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	**BP3N**	250 mL plastic HNO3	**VG9H**	40 mL clear vial HCL	**WPFU**	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	**BP3S**	250 mL plastic H2SO4	**VG9M**	40 mL clear vial MeOH	**SP5T**	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	**BP2Z**	500 mL plastic NaOH + Zn	**VG9D**	40 mL clear vial DI	**ZPLC**	ziploc bag
BG3U	250 mL clear glass unpres					**GN 1**	
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40260613

40260613

Client Name: Ramboll

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 - 128 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.5 /Corr: 0.5

Temp Blank Present: ☑ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

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

Person examining contents:
Date: 04/13/2023 Initials: MVR

Labeled By Initials: SKW

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2. No times on COC added via samples labels MVR 04/13/2023
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time.
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix:	☐Yes ☑No ☐N/A	12. No Times on BP3U and BP3N for sample point 007 "PZ-1R". MVR 04/13/2023
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 499		

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 logi

Report of Analysis

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

Project Name: 1690005819

Project Number: 40260613

Lot Number:**YD14004**

Date Completed:04/17/2023

04/17/2023 4:17 PM
Approved and released by:
Project Coordinator 1: **Jenna S. Holliday**

Case Narrative
Pace Analytical Services, LLC
Lot Number: YD14004

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
Sample YD14004-001 was received and analyzed outside of holding time.

Sample Summary
Pace Analytical Services, LLC
Lot Number: YD14004
Project Name: 1690005819
Project Number: 40260613

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	PZ-1R	Aqueous	04/12/2023 1123	04/14/2023

(1 sample)

Detection Summary

Pace Analytical Services, LLC

Lot Number: YD14004

Project Name: 1690005819

Project Number: 40260613

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	PZ-1R	Aqueous	Ferrous Iron	SM 3500-Fe B-	12	H	mg/L	5

(1 detection)

Inorganic non-metals

Client: **Pace Analytical Services, LLC** Laboratory ID: **YD14004-001**

Description: **PZ-1R** Matrix: **Aqueous**

Date Sampled: **04/12/2023 1123** Project Name: **1690005819**

Date Received: **04/14/2023** Project Number: **40260613**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	(Ferrous Iron)	SM 3500-Fe B-2011	10	04/14/2023 1129	TAD		72673

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	Units	Run
Ferrous Iron		**SM 3500-Fe B-2**	**12**	**H**	**0.50**	**mg/L**	**1**

LOQ = Limit of Quantitation
ND = Not detected at or above the LOQ
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Q = Surrogate failure
L = LCS/LCSD failure
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: YQ72673-001
Batch: 72673
Analytical Method: SM 3500-Fe B-2011
Matrix: Aqueous

Parameter	Result	Q	Dil	LOQ	Units	Analysis Date
Ferrous Iron	ND		1	0.050	mg/L	04/14/2023 1121

LOQ = Limit of Quantitation

ND = Not detected at or above the LOQ

N = Recovery is out of criteria

P = The RPD between two GC columns exceeds 40%

* = 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: YQ72673-002 **Matrix:** Aqueous

Batch: 72673

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	0.98		1	98	90-110	04/14/2023 1122

LOQ = Limit of Quantitation

ND = Not detected at or above the LOQ

N = Recovery is out of criteria

P = The RPD between two GC columns exceeds 40%

* = 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 - LCSD

Sample ID: YQ72673-003 **Matrix:** Aqueous

Batch: 72673

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	0.99		1	99	1.4	90-110	20	04/14/2023 1122

LOQ = Limit of Quantitation

ND = Not detected at or above the LOQ

N = Recovery is out of criteria

P = The RPD between two GC columns exceeds 40%

* = 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 - MS

Sample ID: YD14004-001MS
Matrix: Aqueous
Batch: 72673
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	12	10	21		10	95	70-130	04/14/2023 1130

LOQ = Limit of Quantitation

ND = Not detected at or above the LOQ

N = Recovery is out of criteria

P = The RPD between two GC columns exceeds 40%

* = 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 - MSD

Sample ID: YD14004-001MD
Batch: 72673
Analytical Method: SM 3500-Fe B-2011
Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	%Rec Limit	% RPD Limit	Analysis Date
Ferrous Iron	12	10	21		10	96	0.61	70-130	20	04/14/2023 1131

LOQ = Limit of Quantitation
ND = Not detected at or above the LOQ
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
* = RSD is out of criteria
+ = 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

Pace Analytical
www.pacelabs.com

☐ Samples Pre-Logged into eCOC.

State Of Origin: WI
Cert. Needed: ☐ Yes ☒ No
Owner Received Date: 4/12/2023 Results Requested By: 4/24/2023

Workorder: 40260613 Workorder Name: 1690005819

Report To	Subcontract To
Steven Mleczko Pace Analytical Green Bay 1241 Bellevue Street Suite 9 Green Bay, WI 54302 Phone (920)469-2436	Pace Analytical West Columbia 106 Vantage Point Drive West Columbia, SC 29172 Phone (803)791-9700

YD14004
JSH

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: #	Requested Analysis: Ferrous Iron by SM 3500Fe 2011	LAB USE ONLY
1	PZ-1R	PS	4/12/2023 11:23	40260613007	Water	2	X	
2								
3								
4								
5								

Transfers	Released By	Date/Time	Received By	Date/Time
1	[signature]	4/13/23 1605		
2				
3	FedEx	4/14/23 0850	[signature]	4/14/23 0850

Comments: Ok to run past hold time

Cooler Temperature on Receipt 3.9 °C | Custody Seal (Y) or N [signature] 4/14/23 | Received on Ice (Y) or N | Samples Intact (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®

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

40260613

ALL SHADED AREAS are for LAB USE ONLY

Company: RAMBOLL	Billing Information:
Address: 234 W FLORIDA ST 5TH FLOOR	
Report To: SPETROFSKI@RAMBOLL.COM	Email To:
Copy To: PLUNDQUIST@RAMBOLL.COM	Site Collection Info/Address:
Customer Project Name/Number: 1690005819	State: WI County/City: MILWAUKEE Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: Email:	Site/Facility ID #:
Compliance Monitoring? [ ] Yes [ ] No	
Collected By (print): D GLASFORD	Purchase Order #: Quote #:
DW PWS ID #: DW Location Code:	
Collected By (signature): [signature]	Turnaround Date Required: STD
Immediately Packed on Ice: [ ] Yes [ ] No	
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
Field Filtered (if applicable): [X] Yes [ ] No Analysis: 250 HNO3	

Container Preservative Type **: 3 | 3 | 3H | 2 | U

** 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 ______

Lab Project Manager:

* 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)

Analyses: VOC 8260B; MES 8015B MOD; FERROUS IRON 3500+(2020); TOC 5310C; SULFATE 300.0

Customer Sample ID	Matrix *	Comp / Grab	Collected Date	Collected Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 8260B	MES 8015B MOD	FERROUS IRON 3500+(2020)	TOC 5310C	SULFATE 300.0	Lab Sample # / Comments
PZ-2R	GW	G	4-12-23	0739				3	X					001
MW-6	↓	↓	↓	08:18				2	X					002
MW-6DUP				08:17				3	X					003
PZ-4				09:08				3	X					004
MW-5				09:45				3	X					005
MW-4				10:35				3	X					006
PZ-1R	↓	↓	↓	11:23				11	X	X	X	X	X	007
TRIP BLANK	—	—	—	—				2	X					008

Lab Profile/Line:
Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips:
Sample pH Acceptable Y N NA
pH Strips:
Sulfide Present Y N NA
Lead Acetate Strips:
LAB USE ONLY:
Lab Sample # / Comments:
MMB 04/13/2023

Customer Remarks / Special Conditions / Possible Hazards: * times added to times on sample labels MMB 04/13/2023

Type of Ice Used: Wet Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): Y N NA
SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #: 2830985
Samples received via: FEDEX UPS Client Courier Pace Courier
SCR 04/13/2023

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] RAMBOLL	4-12-23 1345	CS LOGISTICS	4-12-23 1345
CS Logistics	04/13/2023 09:10	Matt VanSomeren Pace	04/13/2023 09:10

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:
Trip Blank Received: Y N NA
HCL MeOH TSP Other
Non Conformance(s): YES / NO
Page: 1 of: 1

MMB 04/13/2023

DC# Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form
Effective Date: 8/16/2022

Sample Preservation Receipt Form

Client Name: Ramboll

Project # 40260613

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

Lab Lot# of pH paper: HC404495

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

Initial when completed: MJD8 Date/Time:

	Glass							Plastic						Vials						Jars				General										
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																		
002																																		2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007				I					I		I																							2.5 / 5
008																																X		2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

MJD8 04/13/2022

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

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

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Page 1 of 2

Qualtrax ID: 41307

Pace® Analytical Services, LLC

DC#_Title: ENV-FRM-GBAY-0014 v03_SCUR
Effective Date: 8/17/2022

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40260613

40260613

Client Name: Ramboll

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 - 128 Type of Ice: (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.5 /Corr: 0.5

Temp Blank Present: ☑ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents: Date: 04/13/2023 Initials: MVS

Labeled By Initials: SKW

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:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out: MVS 04/13/2023	☑Yes ☐No ☐N/A	2. No Temp on COC, added via samples labels MVS 04/13/2023
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt:	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: Pace Green Bay Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: _____	☐Yes ☑No ☐N/A	12. No Times on BP3U and BP3N for sample point 007 "PZ-1R". MVS 04/13/2023
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 499		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Page 2 of 2

Qualtrax ID: 41292

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: KNR / 04/14/2023 Lot #: YD14004

Means of receipt: ☐ Pace ☐ Client ☐ UPS ☑ FedEx ☐ Other:

☑ Yes	☐ No		1. Were custody seals present on the cooler?
☑ Yes	☐ No	☐ NA	2. If custody seals were present, were they intact and unbroken?

pH Strip ID: NA Chlorine Strip ID: NA Tested by: NA

Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: NA

3.9 / 3.9 °C NA / NA °C NA / NA °C NA / NA °C

Method: ☑ Temperature Blank ☐ Against Bottles IR Gun ID: 8 IR Gun Correction Factor: 0 °C

Method of coolant: ☑ Wet Ice ☐ Ice Packs ☐ Dry Ice ☐ None

☑ Yes	☐ No	☐ 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).
☑ Yes	☐ No	☐ NA	4. Is the commercial courier's packing slip attached to this form?
☑ Yes	☐ No		5. Were proper custody procedures (relinquished/received) followed?
☑ Yes	☐ No		6. Were sample IDs listed on the COC and all sample containers?
☑ Yes	☐ No		7. Was collection date & time listed on the COC and all sample containers?
☑ Yes	☐ No		8. Did all container label information (ID, date, time) agree with the COC?
☑ Yes	☐ No		9. Were tests to be performed listed on the COC?
☑ Yes	☐ No		10. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
☑ Yes	☐ No		11. Was adequate sample volume available?
☐ Yes	☑ No		12. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
☑ Yes	☐ No		13. Were all samples containers accounted for? (No missing/excess)
☐ Yes	☐ No	☑ 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?
☐ Yes	☐ No	☑ NA	15. Were all DRO/metals/nutrient samples received at a pH of < 2?
☐ Yes	☐ No	☑ NA	16. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?
☐ Yes	☐ No	☑ NA	17. Were all applicable NH_3/TKN/cyanide/phenol/625.1/608.3 (< 0.5mg/L) samples free of residual chlorine?
☐ Yes	☑ No	☐ 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) NA were received incorrectly preserved and were adjusted accordingly in sample receiving with NA mL of circle one: H2SO4, HNO3, HCl, NaOH using SR # NA. ☐
Time of preservation NA. If more than one preservative is needed, please note in the comments below.

Sample(s) NA were received with bubbles >6 mm in diameter.

Samples(s) NA were received with TRC > 0.5 mg/L (If #19 is *no*) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Unique ID: NA.

Comments:

Qualtrax ID: 56360 Pace® Analytical Services, LLC Page 1 of 1