Prepared for:
Marquette University
517 North 14th Street
Milwaukee, Wisconsin

Date:
January 2023

Project Number:
1690005819

FORMER ONE-HOUR VALET DRYCLEANER (TAXMAN) SITE

1214-1222 WEST WELLS STREET
MILWAUKEE, WISCONSIN

BRRTS NO. 02-41-152248
FID NO. 241086120

SEMI-ANNUAL PROGRESS REPORT

JULY 1, 2022 TO DECEMBER 31, 2022

RAMBOLL

ENVIRONMENT
& HEALTH

CERTIFICATIONS

I, James Hutchens, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A–E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A–E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to NR 726, Wis. Adm. Code.

James L. Hutchens, PE
License No. 26366

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

Mark M. Mejac, PG
License No. 283-13

January 10, 2023
Date

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1. INTRODUCTION

Ramboll US Consulting, Inc. (Ramboll), on behalf of Marquette University (Marquette), has prepared this *Semi-Annual Progress Report: July 1, 2022 to December 31, 2022* (the "report") for the former Taxman/One-Hour Valet Drycleaner Site (the "site") located in Milwaukee, Wisconsin. The Wisconsin Department of Natural Resources (WDNR) Bureau of Remediation and Redevelopment Tracking System (BRRTS) has assigned case number 02-41-152248 to the site. This report has been prepared in accordance with Wisconsin Administrative Code (WAC) Chapter NR 724 and documents the methodology and results of post-remedial action monitoring activities conducted at the site. Parties currently involved with the project include the following:

Responsible Party/Site Owner:	Marquette University Mr. Joel Smullen, AIA 517 North 14th Street Milwaukee, WI 53233 (414) 288-4620
Regulatory Agency/Project Manager:	WDNR Mr. Greg Michael 141 Northwest Barstow Street Waukesha, WI 53188-3789 (414) 405-1203
Environmental Consultant:	Ramboll US Consulting, Inc. Ms. Jeanne Tarvin, PG, CPG 234 West Florida Street, Fifth Floor Milwaukee, WI 53204 (262) 901-0085

1.1 Site Location and Description

The site is located at 1214-1222 West Wells Street in the southwest ¼ of the northwest ¼ of Section 29, Township 7 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin (Figure 1). The geographic position of the site in Wisconsin Transverse Mercator (WTM) 91 (x,y) coordinates obtained from the WDNR Remediation and Redevelopment (RR) interaction site map (http://dnrmaps.wi.gov) is 688795, 287401. The site includes two tax parcels in the City of Milwaukee, identified as 3910218000 and 3910219100.

The site is bounded on the west by a Marquette parking structure, on the north by a hospital parking structure, on the east by North 12th Street, and on the south by West Wells Street, as shown on Figure 2. The site is currently owned by Marquette and is enrolled in the WDNR-administered Drycleaner Environmental Response Fund (DERF) Program. The former site buildings were demolished in 2018 in advance of the remedial action implementation activities and all associated utilities were disconnected. The balance of the paved surfaces was also removed in 2018 following implementation of the remedial actions. Following completion of the remedial activities, Marquette developed the site as asphalt paved surface parking lot.

The site slopes from the northwest to the east and south, resulting in storm water drainage toward North 12th Street and West Wells Street. The nearest surface water body is the Menomonee River,

which is located approximately one-half mile to the south of the site. Potable water for the area is provided by the City of Milwaukee municipal water supply, the source of which is Lake Michigan.

1.2 Previous Remediation Activities

The site has been subjected to several subsurface investigations since 1999. Following source area soil and groundwater investigation activities, a *Remedial Design Report* including evaluation of remedial action options (Ramboll, 2018) was prepared to document the technical basis, design, and implementation approach for the selected remedial option (*in-situ* enhanced reductive dechlorination [ERD]). The *Remedial Design Report* was approved by the WDNR in a correspondence dated March 28, 2018, and soil and groundwater remediation activities were conducted in July 2018. Approximately 1,940 cubic yards of chlorinated volatile organic compound (CVOC) impacted soil and groundwater were treated using *in-situ* ERD soil blending by incorporating zerovalent iron (ZVI) and an organic carbon amendment (commercially known as Anaerobic BioChem [ABC®]). The soil blending was primarily focused on treating saturated soil and groundwater at depth below the former dry cleaner's basement floor. Following completion of the soil blending activities, the former basement was backfilled with crushed concrete from the former site buildings. A *Remedial Action Documentation Report* (Ramboll, 2019) was submitted to the WDNR which documented the remediation activities and described the planned post-remediation monitoring including routine groundwater sampling and soil confirmation sampling.

A *Post-Remedial Action Documentation Report* (Ramboll, 2020) was submitted to the WDNR which documented the post-remedial action activities, including site redevelopment and post remedial action activities (e.g., soil confirmation sampling, soil vapor sampling, and groundwater monitoring). Based on the residual CVOC concentrations reported in a subset of the post-remedial action soil and groundwater samples collected, supplemental remedial actions were proposed in the *Post-Remedial Action Documentation Report* to further enhance reductive dechlorination of CVOC-impacted groundwater at the site. The first supplemental *in-situ* ERD injection activities were completed in August/September 2020 and documented in the *Supplemental Remediation Documentation and Progress Report* along with results of the October 2020 semi-annual groundwater monitoring event (Ramboll, 2021a). Based on the results of the April 2021 semi-annual groundwater monitoring (Ramboll, 2021b), a second supplemental *in-situ* ERD injection was completed in July 2021 to further support the existing reducing conditions and continued microbial activity within the target groundwater treatment zone. The supplemental *in-situ* ERD activities and subsequent October 2021 semi-annual groundwater monitoring event were documented in the March 2022 S*emi-Annual Progress Report* (Ramboll, 2022).

1.3 Purpose of Report

The purpose of this report is to document site activities completed from July 1 to December 31, 2022. Specific objectives include the following:

- Document the third supplemental *in-situ* ERD activities completed in July 2022.
- Summarize the results of the October 2022 semi-annual groundwater monitoring event.

2. SUPPLEMENTAL *IN-SITU* ERD ACTIVITIES

The following section documents the field activities that were completed as part of the supplemental *in-situ* ERD activities completed on July 7, 2022. The supplemental in-situ ERD

activities were completed under an approved extension of the Infiltration/Injection Temporary Exemption issued by the WDNR on June 9, 2022 (WDNR, 2022).

2.1 Subcontractor Identification

The following remediation contractor conducted the supplemental carbon amendment injection activities under Ramboll oversight:

Redox Tech, LLC (Redox Tech)
2800 Centre Circle Drive
Downers Grove, IL 60515

2.2 Supplemental Injection Activities

A supplemental carbon amendment injection took place on July 7, 2022. The objective of the additional injection was to further support the existing reducing conditions and continued microbial activity within the target groundwater treatment zone. The work was performed in accordance with the WDNR approved extension of the Temporary Injection Exemption received on June 9, 2022 (WDNR, 2022). Notification of the planned injection was provided to the WDNR on June 28, 2022, via e-mail.

2.2.1 Potable Water Source and Use

Approximately 242 gallons of potable water was used to create the aqueous ABC® solution for the July 2022 injection. The potable water was obtained from the City of Milwaukee public supply via a faucet located in the adjacent Marquette parking structure immediately west of the injection area.

2.2.2 Injection Monitoring Activities

Surface materials (e.g., asphalt and vegetation) were visually monitored during the injection activities, and no daylighting of the injected amendments was observed. Groundwater elevations collected immediately before and after completion of the injection activities on July 7, 2022, are shown in Table 1.

Approximately 296 gallons of organic carbon amendment solution at a ratio of approximately 18% by volume ABC® product was introduced into the previously constructed injection wells (IW-1 through IW-8). The carbon amendment solution was injected at a rate of approximately 4 to 8 gallons per minute at each of the injection wells. The injection well locations are shown on Figure 2. An evaluation of groundwater quality in response to the supplemental amendment injection was subsequently conducted based on the results the October 2022 semi-annual groundwater monitoring event.

3. OCTOBER 2022 GROUNDWATER MONITORING ACTIVITIES

The groundwater sampling activities were conducted utilizing the procedures and methodologies specified in the *Remedial Design Report* (Ramboll, 2018), *Remedial Action Documentation Report* (Ramboll, 2019), and *Post-Remedial Action Documentation Report* (Ramboll, 2020). The following sections document the semi-annual post remedial action groundwater monitoring completed in October 2022.

3.1 Groundwater Monitoring

Six monitoring wells (MW-4, MW-5, MW-6, PZ-1R, PZ-2R, and PZ-4) were sampled on October 12, 2022, as part of the ongoing post-remediation low-flow groundwater monitoring program. Monitoring well PZ-1R is a source area well and is located within the boundaries of the *in-situ* ERD soil blending and supplemental *in-situ* ERD injection activities. Monitoring well MW-4 is an upgradient monitoring well. The remaining monitoring wells are located downgradient of the source area. The groundwater monitoring well locations are included on Figure 2.

Groundwater samples collected from the six monitoring wells were submitted to a Wisconsin-certified laboratory for analysis of volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260. Monitoring well PZ-1R was also sampled for the following monitored natural attenuation (MNA) parameters: ethane/ethene/methane (USEPA Method 8015B Modified), ferrous iron (USEPA Method 3500 and 6020B), total organic carbon (Standard Method 5310C), and sulfate (USEPA Method 300.0).

One quality assurance/quality control (QA/QC) duplicate groundwater sample and QA/QC laboratory trip blank sample were submitted for laboratory analysis as part of the groundwater sampling event. Field parameter measurements including dissolved oxygen (DO), oxidation-reduction potential (ORP), pH, specific conductivity, and temperature were also measured and recorded at each well during the sampling event.

3.2 Groundwater Elevation Measurements

To evaluate groundwater flow directions and hydraulic gradients, groundwater elevations were measured during the October 2022 groundwater sampling event. A summary of historical groundwater elevations is presented in Table 1.

October 2022 groundwater elevations varied slightly when compared to the previous site-wide groundwater measurement event completed in April 2022. A groundwater potentiometric surface map is provided as Figure 3. The inferred direction of groundwater flow is generally toward the east across the site, with the highest groundwater elevation observed in well MW-2 (near the northwest corner of the property) and the lowest groundwater elevation observed in MW-9 (northeastern portion of the property). This interpretation of local groundwater flow direction is generally consistent with previous observations.

Horizontal and vertical gradients were evaluated as part of each groundwater sampling event beginning in November 2017, with the exception of May 2019. The measured horizontal hydraulic gradient between monitoring wells MW-2 and MW-5 has ranged from 0.036 foot per foot (ft/ft) (April 2022) to 0.059 ft/ft (August 2019). The measured October 2022 horizontal hydraulic gradient between MW-2 and MW-5 was 0.038 ft/ft.

Vertical hydraulic gradients were evaluated between monitoring wells MW-5 and PZ-4. Measured historical vertical gradients have all been downward and ranged from 0.51 ft/ft (October 2021) to 0.59 ft/ft (April 2022). The October 2022 vertical horizontal gradient between MW-5 and PZ-4 was downward at a measured value of 0.56 ft/ft. The vertical hydraulic gradients have apparently not been affected by the site redevelopment or performance of the July 2018 remedial action and supplemental injection activities. The horizontal and vertical hydraulic gradients will continue to be monitored over the duration of the groundwater monitoring program. The calculated horizontal and vertical gradients are shown in Table 2.

3.3 Field Parameter Results

Field parameters consisting of specific conductivity, DO, ORP, pH, and temperature were collected from the monitoring wells sampled during the October 2022 groundwater sampling event. The measured specific conductivity values varied from 2,387 micro-Siemens per centimeter (µS/cm) in MW-5 to 17,566 µS/cm in MW-6.

Measured October 2022 DO levels outside of the July 2022 area of carbon amendment injection ranged from 0.59 milligrams per liter (mg/L) at well MW-6 to 0.98 mg/L at well PZ-4, which is indicative of anaerobic conditions.

The October 2022 ORP measurements were consistent with historical ranges of values. Negative ORP values (indicative of reducing conditions) were measured in monitoring wells within and hydraulically downgradient of the *in-situ* organic carbon amendment injection area (PZ-1R, PZ-2R, PZ-4, MW-5 and MW-6) ranging from -312.7 millivolts (mV) (PZ-1R) to -27.2 mV (MW-5).

The pH values measured as part of the October 2022 sampling event ranged from 5.71 (MW-6) to 7.54 (MW-5) standard units. This measured range in pH values is generally within the optimal pH range of 6.0 to 8.0 that is favorable for anaerobic dechlorination to occur. The field parameter measurement results are shown in Table 3.

3.4 Groundwater Laboratory Analytical Results

The October 2022 groundwater samples were collected from six monitoring wells and submitted for laboratory analysis in accordance with the approved sampling plans identified above. A copy of the October 2022 laboratory analytical report is provided in Appendix A. Estimated concentrations above the detection limit but below the quantification limit were qualified with a "J" in the laboratory report.

3.4.1 Geochemical Analytical Results

Monitoring well PZ-1R was sampled for MNA parameters in October 2022. Table 4 provides a summary of the geochemical analytical results.

Total organic carbon (TOC) concentrations in groundwater are an indicator of distribution of the organic carbon amendment introduced to the subsurface via the 2018 soil blending event and subsequent supplemental amendment injection events completed in August/September 2020, July 2021, and July 2022. The detected TOC concentration in the October 2022 groundwater sample from source area well PZ-1R was 241 mg/L. This TOC concentration exceeds the minimum TOC concentration of 20 mg/L which is desirable within an anaerobic treatment zone (AFCEE, 2004).

Ferrous iron is produced by the reduction of ferric iron and is also produced via corrosion of ZVI which was introduced during the 2018 soil blending event and the August/September 2020 *in-situ* ERD injection event. The detected concentration of ferrous iron in the October 2022 groundwater sample from well PZ-1R was 7.2 mg/L. This continued high ferrous iron concentration value compared with the pre-soil blending value of 0.060 mg/L in the November 2017 groundwater sample from nearby previous monitoring well PZ-1 is indicative of iron-reducing conditions necessary for anaerobic dechlorination to occur.

Sulfate is an alternative electron acceptor for microbial respiration in the absence of oxygen. Sulfate concentrations less than 20 mg/L are desirable but not required for anaerobic

dechlorination to occur. At monitoring well PZ-1R within the treatment zone, sulfate concentrations have decreased from 66.2 mg/L in April 2022 to non-detect (<2.2 mg/L) in October 2022, which is indicative of sulfate-reducing conditions that are favorable for continued reductive dechlorination of CVOCs.

Elevated methane concentrations indicate that fermentation is occurring in a highly anaerobic environment and reducing conditions are appropriate for anaerobic dechlorination of CVOCs to occur. At treatment zone monitoring well PZ-1R, methane concentrations increased from a value of 5,650 micrograms per liter (µg/L) in the April 2022 groundwater sample to 13,900 mg/L in the October 2022 groundwater sample indicating favorable reducing conditions for continued anaerobic dechlorination of CVOCs.

Concentrations of ethene and ethane can be used to infer that anaerobic dechlorination of CVOCs is occurring. Between April 2022 and October 2022, the detected concentrations of ethane and ethene in groundwater samples from PZ-1R have increased from 683 µg/L and 3,570 µg/L, respectively, to 1,040 J µg/L and 7,090 µg/L, respectively. The approximate two-fold increase in the ethene concentration and 50% increase in the ethane concentration are encouraging indications of accelerated complete reductive dechlorination of PCE in response to the additional organic carbon injection substrate injection event completed in July 2022.

3.4.2 VOC Analytical Results

Concentrations of VOCs were detected above laboratory detection limits in all six monitoring wells (MW-4, MW-5, MW-6, PZ-1R, PZ-2R, and PZ-4) sampled in October 2022. Three of the six monitoring wells (MW-4, MW-5, and PZ-1R) had detections of PCE above the WAC NR 140 Enforcement Standard (ES) of 5 µg/L at concentrations of 26.8 µg/L, 18.6 µg/L, and 20,200 µg/L, respectively. Trichloroethene (TCE) was detected above the WAC NR 140 ES of 5.0 µg/L at PZ-1R with a concentration of 3,350 µg/L, and above the WAC NR 140 Preventive Action Limit (PAL) (0.5 µg/L) at MW-5 with a concentration of 3.6 µg/L. Groundwater samples from PZ-1R and PZ-2R had detections of cis-1,2-dichloroethene (cis-1,2-DCE) above the WAC NR 140 ES of 70 µg/L, at concentrations of 92,600 µg/L and 121 µg/L, respectively. Detections of cis-1,2-DCE were above the WAC NR 140 PAL of 7.0 µg/L but below the ES of 70 µg/L in MW-5 at a concentration of 10.6 µg/L.

Five of the six monitoring wells sampled (all except for MW-4) in October 2022 had detections of vinyl chloride above the WAC NR 140 ES of 0.2 µg/L at concentrations ranging from 0.26 J µg/L (MW-5) to 21,900 µg/L (PZ-1R). No other VOCs were detected above WAC NR 140 criteria.

The detected concentrations of PCE in groundwater samples from monitoring well PZ-1R are consistent with continued back-diffusion of PCE from the fine-grained silty clay soils within the treatment zone in response to the groundwater remedial action. A summary of VOC analytical results is provided in Table 5. The CVOC analytical results from the October 2022 groundwater sampling event are shown on Figure 4.

3.4.3 Waste Disposal

Purge water and decontamination fluids from the October 2022 groundwater sampling activities were containerized in a 5-gallon closed head polyethylene container and transported to Marquette's centralized waste storage area by Veolia North America (Veolia) on October 12, 2022. Veolia

transported the containers off-site for disposal on October 25, 2022. Disposal documentation is provided in Appendix B.

4. CONCLUSIONS AND RECOMMENDATIONS

Scheduled groundwater monitoring following the supplemental injection of organic carbon substrate conducted in July 2022 continues to show reducing conditions through fermentation of the applied carbon substrate. These reducing conditions are evident based on the following observations related to the October 2022 groundwater sample results from treatment zone monitoring well PZ-1R:

- Low ORP reading of -312.7 mV and low DO reading of 0.48 mg/L.
- Continued elevated TOC concentration at PZ-1R (241 mg/L) which is greater than the desired minimum value of 20 mg/L for reductive dechlorination to be enhanced.
- The detected methane concentration in the October 2022 groundwater sample from monitoring well PZ-1R is consistent with continued reducing conditions and is the highest detected to date.
- Ethene concentrations continue to increase above background levels and are indicative of complete dechlorination (AFCEE, 2004), and the October 2022 ethene value of 7,090 ug/L at PZ-1R meets that threshold when compared with the <0.52 µg/L to 0.48 µg/L range of ethene concentrations in groundwater samples from nearby previous well PZ-1 that were obtained prior to the 2018 soil blending event and subsequent supplemental injections.

As indicated in Table 5, PCE was detected in the October 2022 groundwater sample from monitoring well PZ-1R at a concentration of 20,200 µg/L. The PCE concentration detected in the October 2022 sample is less than in the April 2022 sample (64,600 µg/L). However, the relatively high PCE concentrations detected in the groundwater samples from monitoring well PZ-1R continue to be indicative of back-diffusion of PCE from the fine-grained silty clay soils within the treatment zone in response to the groundwater remedial action. An encouraging observation is the continued presence of PCE degradation products (including end-product ethene) which confirm that substantial reductive dechlorination is taking place and is expected to continue based on the October 2022 geochemical data. Further downgradient, the following observations of CVOC concentration trends are consistent with CVOC source remediation:

- PCE and TCE have not been detected in groundwater samples from well PZ-2R since August 2019.
- Exceedances of WAC NR 140 ES values for TCE or cDCE have not occurred in groundwater samples from well MW-6 since October 2020.
- Exceedances of the WAC NR 140 ES for PCE have not occurred in groundwater samples from well PZ-4 since October 2020.

While the October 2022 TOC results do not indicate that an additional organic carbon substrate injection event is required, Ramboll will continue to evaluate the results of future groundwater monitoring events to determine if such injection events may be warranted. The next semi-annual groundwater sampling event is scheduled to be conducted in April 2023.

5. REFERENCES

Air Force Center for Environmental Excellence (AFCEE). 2004. "Principles and Practices of Enhanced Anaerobic Bioremediation of Chlorinated Solvents." Environmental Security Technology Certification Program, Arlington, Virginia.

Ramboll. 2018. *Remedial Design Report*. Former One-Hour Valet Dry Cleaners, Milwaukee, Wisconsin. February 12.

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Ramboll. 2020. *Post-Remedial Action Documentation Report*. Former One-Hour Valet Dry Cleaners, Milwaukee, Wisconsin. May 26.

Ramboll. 2021a. *Supplemental Remediation Documentation and Progress Report.* Former One-Hour Valet Dry Cleaners, Milwaukee, Wisconsin. February 26.

Ramboll. 2021b. *Semi-Annual Progress Report.* Former One-Hour Valet Dry Cleaners, Milwaukee, Wisconsin. June 24.

Ramboll. 2022. *Semi-Annual Progress Report.* Former One-Hour Valet Dry Cleaners, Milwaukee, Wisconsin. March 16.

WDNR. 2020. *Infiltration/Injection Temporary Exemption Request*. July 24.

WDNR. 2022. *Extension of Infiltration Temporary Exemption Request.* June 9.

TABLES

TABLE 1
Groundwater Elevations Summary
Former One-Hour Valet Dry Cleaners
1614 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

Well ID	MW-1		MW-2		MW-3		MW-4		MW-5	
Top of Casing Elevation (TOC ft msl)[A]	647.95		655.74		649.54		652.32		653.26	
Ground Surface Elevation (ft)[A,B]	648.30		656.00		649.70		652.70		650.40	
Top of Well Screen Elevation (ft msl)[A]	640.10		645.50		639.50		644.40		641.80	
Bottom of Well Screen Elevation (ft msl)[A]	630.10		635.50		629.50		634.40		631.80	
October 2019 Top of Casing Elevation (ft amsl)	647.75		654.70		649.28		651.98		649.23	
October 2019 Ground Surface (ft amsl)	648.16		655.47		649.65		652.33		649.75	
Sample Date	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**
5/8/2002	10.50	637.45	7.20	648.54	11.38	638.16	NI	NI	NI	NI
7/11/2003	11.14	636.81	9.87	645.87	11.20	638.34	NI	NI	NI	NI
8/7/2003	11.92	636.03	10.43	645.31	12.31	637.23	13.81	638.51	16.88	636.38
10/7/2004	12.35	635.60	11.15	644.59	12.39	637.15	13.56	638.76	17.13	636.13
8/25/2009	10.80	637.15	10.85	644.89	9.62	639.92	12.02	640.30	15.72	637.54
11/2/2011	10.68	637.27	13.13	642.61	11.17	638.37	12.68	639.64	16.04	637.22
11/1/2017 & 11/9/2017*	10.52	637.43	10.74	645.00	10.22	639.32	12.81	639.51	16.11	637.15
5/2/2019	NM	NM	NM	NM	NM	NM	9.32	643.00	11.75	641.51
8/14/2019[3]	9.85	637.90	6.90	647.80	8.87	640.41	10.63	641.35	12.34	636.89
10/23/2019[3]	8.83	638.92	7.35	647.35	8.75	640.53	9.70	642.28	11.41	637.82
3/10/2020[3]	9.10	638.65	7.34	647.36	9.04	640.24	9.82	642.16	11.57	637.66
8/31/2020[3]	8.70	639.05	8.56	646.14	8.30	640.98	9.11	642.87	11.45	637.78
9/3/2020[3]	8.70	639.05	7.12	647.58	8.26	641.02	9.04	642.94	11.46	637.77
10/28/2020[3]	9.21	638.54	8.41	646.29	9.25	640.03	11.27	640.71	11.82	637.41
4/20/2021[3]	9.15	638.60	8.96	645.74	9.40	639.88	11.21	640.77	11.80	637.43
7/14/2021[3] AM	9.46	638.29	9.24	645.46	9.29	639.99	11.38	640.60	12.64	636.59
7/14/2021[3] PM	9.51	638.24	9.11	645.59	9.35	639.93	11.42	640.56	12.63	636.60
10/27/2021[3]	10.90	636.85	9.73	644.97	10.43	638.85	13.30	638.68	13.96	635.27
4/12/2022[3]	9.15	638.60	10.92	643.78	10.60	638.68	12.18	639.80	12.01	637.22
7/7/2022[3] AM	9.46	638.29	10.59	644.11	10.04	639.24	10.86	641.12	12.26	636.97
7/7/2022[3] PM	9.48	638.27	10.11	644.59	10.03	639.25	10.89	641.09	12.24	636.99
10/11/2022	8.56	639.19	10.21	644.49	9.31	639.97	8.89	643.09	11.64	637.59

Notes:

Data collected prior to 2017 presented in a Site Investigation Report prepared by GZA GeoEnvironmental, Inc. dated February 24, 2012.

[A] Top of casing elevations, ground surface elevations, and screen intervals presented in GZA GeoEnvironmental, Inc.'s February 24, 2012 Site Investigation Report.

[B] Relative to mean sea level.

[1] PZ-1 and PZ-3 abandoned on 1/11/2018.

[2] PZ-2 abandoned and replaced on 7/19/2019

[3] Groundwater elevation calculated using October 2019 Survey data.

* Groundwater elevation measurements for MW-6, MW-7, MW-8, and MW-9 collected on November 9, 2017.

ASML = Above Mean Sea Level

MSL = Mean Sea Level

NI = Not installed at the time of the water level measurement

NM = Not Measured

TOC = Top of Casing

TABLE 1
Groundwater Elevations Summary
Former One-Hour Valet Dry Cleaners
1614 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

Well ID	MW-6		MW-7		MW-8		MW-9		PZ-1[1]	
Top of Casing Elevation (TOC ft msl)[A]	648.11		649.74		649.80		650.27		653.10	
Ground Surface Elevation (ft)[A,B]	648.50		649.90		650.00		650.40		653.70	
Top of Well Screen Elevation (ft msl)[A]	640.30		648.20		648.40		643.50		623.80	
Bottom of Well Screen Elevation (ft msl)[A]	630.30		638.20		638.40		633.50		618.80	
October 2019 Top of Casing Elevation (ft amsl)	648.26		649.56		649.63		650.73		NM	
October 2019 Ground Surface (ft amsl)	648.51		649.75		649.77		651.39		NM	
Sample Date	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**
5/8/2002	NI	NI	NI	NI	NI	NI	NI	NI	18.20	634.90
7/11/2003	NI	NI	NI	NI	NI	NI	NI	NI	19.59	633.51
8/7/2003	NI	NI	NI	NI	NI	NI	NI	NI	20.10	633.00
10/7/2004	NI	NI	NI	NI	NI	NI	NI	NI	20.82	632.28
8/25/2009	10.85	637.26	7.16	642.58	7.18	642.62	13.05	637.22	21.52	631.58
11/2/2011	10.79	637.32	9.01	640.73	9.09	640.71	13.19	637.08	NM	NM
11/1/2017 & 11/9/2017*	10.30	637.81	8.98	640.76	9.39	640.41	13.30	636.97	22.97	630.13
5/2/2019	8.76	639.35	NM	NM	NM	NM	NM	NM	--	--
8/14/2019[3]	9.34	638.92	7.60	641.96	7.89	641.74	13.90	636.83	--	--
10/23/2019[3]	8.19	640.07	7.85	641.71	7.72	641.91	12.95	637.78	--	--
3/10/2020[3]	8.30	639.96	8.00	641.56	6.78	642.85	13.95	636.78	--	--
8/31/2020[3]	7.04	641.22	7.43	642.13	7.37	642.26	13.25	637.48	--	--
9/3/2020[3]	7.10	641.16	7.43	642.13	7.21	642.42	13.17	637.56	--	--
10/28/2020[3]	8.67	639.59	8.23	641.33	8.35	641.28	14.10	636.63	--	--
4/20/2021[3]	9.63	638.63	8.21	641.35	8.23	641.40	14.15	636.58	--	--
7/14/2021[3] AM	10.45	637.81	8.43	641.13	8.19	641.44	14.67	636.06	--	--
7/14/2021[3] PM	10.46	637.80	8.45	641.11	8.26	641.37	14.69	636.04	--	--
10/27/2021[3]	10.90	637.36	9.53	640.03	8.70	640.93	16.92	633.81	--	--
4/12/2022[3]	9.73	638.53	9.55	640.01	9.36	640.27	16.93	633.80	--	--
7/7/2022[3] AM	10.21	638.05	8.37	641.19	7.68	641.95	14.87	635.86	--	--
7/7/2022[3] PM	9.88	638.38	8.24	641.32	7.76	641.87	14.87	635.86	--	--
10/11/2022	9.76	638.50	8.45	641.11	8.70	640.93	13.70	637.03	--	--

Notes:

Data collected prior to 2017 presented in a Site Investigation Report prepared by GZA GeoEnvironmental, Inc. dated February 24, 2012.

[A] Top of casing elevations, ground surface elevations, and screen intervals presented in GZA GeoEnvironmental, Inc.'s February 24, 2012 Site Investigation Report.

[B] Relative to mean sea level.

[1] PZ-1 and PZ-3 abandoned on 1/11/2018.

[2] PZ-2 abandoned and replaced on 7/19/2019

[3] Groundwater elevation calculated using October 2019 Survey data.

* Groundwater elevation measurements for MW-6, MW-7, MW-8, and MW-9 collected on November 9, 2017.

ASML = Above Mean Sea Level

MSL = Mean Sea Level

NI = Not installed at the time of the water level measurement

NM = Not Measured

TOC = Top of Casing

TABLE 1
Groundwater Elevations Summary
Former One-Hour Valet Dry Cleaners
1614 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

Well ID	PZ-1R		PZ-2[2]		PZ-2R		PZ-3[1]		PZ-4	
Top of Casing Elevation (TOC ft msl)[A]	--		648.74		--		653.41		649.78	
Ground Surface Elevation (ft)[A,B]	--		649.10		--		653.70		650.30	
Top of Well Screen Elevation (ft msl)[A]	622.18		624.00		623.04		608.00		609.80	
Bottom of Well Screen Elevation (ft msl)[A]	617.18		619.00		618.04		603.00		604.80	
October 2019 Top of Casing Elevation (ft amsl)	652.18		NM		649.539		NM		649.56	
October 2019 Ground Surface (ft amsl)	652.69		NM		650.002		NM		650.20	
Sample Date	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**	**Depth to Water (ft)**	**GW Elevation (ft msl)**
5/8/2002	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
7/11/2003	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
8/7/2003	NI	NI	25.54	623.20	NI	NI	NI	NI	NI	NI
10/7/2004	NI	NI	24.93	623.81	NI	NI	33.14	620.27	NI	NI
8/25/2009	NI	NI	23.42	625.32	NI	NI	31.15	622.26	NM	NM
11/2/2011	NI	NI	23.74	625.00	NI	NI	31.45	621.96	28.40	621.38
11/1/2017 & 11/9/2017*	NI	NI	23.22	625.52	NI	NI	31.10	622.31	27.83	621.95
5/2/2019	27.41	--	--	--	NI	NI	--	--	27.48	622.30
8/14/2019[3]	29.80	622.38	--	--	25.29	624.25	--	--	27.15	622.41
10/23/2019[3]	29.01	623.17	--	--	25.00	624.54	--	--	26.90	622.66
3/10/2020[3]	29.40	622.78	--	--	25.40	624.14	--	--	27.10	622.46
8/31/2020[3]	28.96	623.22	--	--	24.90	624.64	--	--	26.74	622.82
9/3/2020[3]	28.80	623.38	--	--	24.72	624.82	--	--	26.73	622.83
10/28/2020[3]	27.55	624.63	--	--	24.94	624.60	--	--	26.85	622.71
4/20/2021[3]	29.37	622.81	--	--	25.43	624.11	--	--	27.25	622.31
7/14/2021[3] AM	28.60	623.58	--	--	25.76	623.78	--	--	27.60	621.96
7/14/2021[3] PM	28.81	623.37	--	--	25.71	623.83	--	--	27.59	621.97
10/27/2021[3]	30.00	622.18	--	--	25.98	623.56	--	--	27.55	622.01
4/12/2022[3]	29.51	622.67	--	--	26.50	623.04	--	--	28.27	621.29
7/7/2022[3] AM	28.83	623.35	--	--	25.81	623.73	--	--	27.65	621.91
7/7/2022[3] PM	28.42	623.76	--	--	25.77	623.77	--	--	27.65	621.91
10/11/2022	28.54	623.64	--	--	25.17	624.37	--	--	27.21	622.35

Notes:

Data collected prior to 2017 presented in a Site Investigation Report prepared by GZA GeoEnvironmental, Inc. dated February 24, 2012.

[A] Top of casing elevations, ground surface elevations, and screen intervals presented in GZA GeoEnvironmental, Inc.'s February 24, 2012 Site Investigation Report.

[B] Relative to mean sea level.

[1] PZ-1 and PZ-3 abandoned on 1/11/2018.

[2] PZ-2 abandoned and replaced on 7/19/2019

[3] Groundwater elevation calculated using October 2019 Survey data.

* Groundwater elevation measurements for MW-6, MW-7, MW-8, and MW-9 collected on November 9, 2017.

ASML = Above Mean Sea Level

MSL = Mean Sea Level

NI = Not installed at the time of the water level measurement

NM = Not Measured

TOC = Top of Casing

Table 2: Vertical and Horizontal Gradients
Former One-Hour Valet Dry Cleaners
1214 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

Well ID	Measurement Date	Top of Casing Elevation (ft-amsl)	Water Level Measurement (ft btoc)	Ground-water Elevation (ft-amsl)	Screen Length (ft)	Top of Well Screen Elevation (ft-amsl)	Bottom of Well Screen Elevation (ft-amsl)	Mid-Point of Well Screen Elevation (ft-amsl)	Vertical Gradient Calculation Value (ft-amsl)	Head Difference (ft)	Vertical Gradient (ft/ft)/Direction	
MW-5	11/1/2017	653.26	16.11	637.15	10.00	641.80	631.80	636.80	634.5	-15.20	-0.56	Downward
PZ-4	11/1/2017	649.78	27.83	621.95	5.00	609.80	604.80	607.30	607.3			
MW-5	8/14/2019	649.23	12.34	636.89	10.00	641.80	631.80	636.80	634.3	-14.48	-0.54	Downward
PZ-4	8/14/2019	649.56	27.15	622.41	5.00	609.80	604.80	607.30	607.3			
MW-5	10/23/2019	649.23	11.41	637.82	10.00	641.80	631.80	636.80	634.8	-15.16	-0.55	Downward
PZ-4	10/23/2019	649.56	26.90	622.66	5.00	609.80	604.80	607.30	607.3			
MW-5	3/10/2020	649.23	11.57	637.66	10.00	641.80	631.80	636.80	634.7	-15.20	-0.55	Downward
PZ-4	3/10/2020	649.56	27.10	622.46	5.00	609.80	604.80	607.30	607.3			
MW-5	10/28/2020	649.23	11.82	637.41	10.00	641.80	631.80	636.80	634.6	-14.70	-0.54	Downward
PZ-4	10/28/2020	649.56	26.85	622.71	5.00	609.80	604.80	607.30	607.3			
MW-5	4/21/2021	649.23	11.80	637.43	10.00	641.80	631.80	636.80	634.6	-15.12	-0.55	Downward
PZ-4	4/21/2021	649.56	27.25	622.31	5.00	609.80	604.80	607.30	607.3			
MW-5	10/27/2021	649.23	13.96	635.27	10.00	641.80	631.80	636.80	633.5	-13.26	-0.51	Downward
PZ-4	10/27/2021	649.56	27.55	622.01	5.00	609.80	604.80	607.30	607.3			
MW-5	4/12/2022	649.23	12.01	637.22	10.00	641.80	631.80	636.80	634.5	-15.93	-0.59	Downward
PZ-4	4/12/2022	649.56	28.27	621.29	5.00	609.80	604.80	607.30	607.3			
MW-5	10/12/2022	649.23	11.64	637.59	10.00	641.80	631.80	636.80	634.7	-15.24	-0.56	Downward
PZ-4	10/12/2022	649.56	27.21	622.35	5.00	609.80	604.80	607.30	607.3			

Well ID	Measurement Date	Top of Casing Elevation (ft-amsl)	Water Level Measurement (ft btoc)	Ground-water Elevation (ft-amsl)	Distance Between Monitoring Wells (ft)	Groundwater Elevation Difference (ft)	Horizontal Gradient (ft/ft)
MW-2	11/1/2017	655.74	10.74	645.00	184	7.9	0.043
MW-5	11/1/2017	653.26	16.11	637.15			
MW-2	8/14/2019	654.70	6.90	647.80	184	10.9	0.059
MW-5	8/14/2019	649.23	12.34	636.89			
MW-2	10/23/2019	654.70	7.35	647.35	184	9.5	0.052
MW-5	10/23/2019	649.23	11.41	637.82			
MW-2	3/10/2020	654.70	7.34	647.36	184	9.7	0.053
MW-5	3/10/2020	649.23	11.57	637.66			
MW-2	10/28/2020	654.70	8.41	646.29	184	8.9	0.048
MW-5	10/28/2020	649.23	11.82	637.41			
MW-2	4/21/2021	654.70	8.96	645.74	184	8.3	0.045
MW-5	4/21/2021	649.23	11.80	637.43			
MW-2	10/27/2021	654.70	9.73	644.97	184	9.4	0.051
MW-5	10/27/2021	649.23	13.69	635.54			
MW-2	4/12/2022	654.70	10.92	643.78	184	6.6	0.036
MW-5	4/12/2022	649.23	12.01	637.22			
MW-2	10/12/2022	654.70	10.21	644.49	184	6.9	0.038
MW-5	10/12/2022	649.23	11.64	637.59			

Notes:
ft - feet
amsl - above mean sea level
btoc - below top of casing

Table 3: Groundwater Field Parameter Results
Former One-Hour Valet Dry Cleaners
1214 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

Parameter		pH	Dissolved oxygen	Oxidation Reduction Potential	Turbidity	Specific Conductivity	Temperature
Units		S.U.	mg/L	mV	NTU	uS/cm	°C
Monitoring Well ID	**Sample Date**						
MW-1	1/14/2002	NR	10.39	-37	NR	NR	NR
	5/8/2002	NR	3.57	287.1	NR	NR	NR
	8/7/2003	NR	0.22	161.3	NR	NR	NR
	10/7/2003	NR	1.05	396.8	NR	NR	NR
	8/25/2009	NR	0.69	95	NR	NR	NR
	11/1/2017	7.31	1.69	57.7	2.03	16.08	17.53
MW-2	1/14/2002	NR	6.42	168	NR	NR	NR
	5/8/2002	NR	1.07	257	NR	NR	NR
	8/7/2003	NR	0.10	2.30	NR	NR	NR
	10/7/2003	NR	4.43	364	NR	NR	NR
	8/27/2009	NR	0.98	86.0	NR	NR	NR
	11/1/2017	7.70	1.71	-74.3	2.53	6,370	14.21
MW-3	8/7/2003	NR	0.15	68.0	NR	NR	NR
	10/7/2003	NR	5.74	327.8	NR	NR	NR
	8/27/2009	NR	1.01	16.0	NR	NR	NR
	11/1/2017	7.56	0.73	-125.6	2.00	16,100	14.53
MW-4	8/7/2003	NR	5.83	139	NR	NR	NR
	10/7/2003	NR	3.44	383.4	NR	NR	NR
	8/25/2009	NR	2.55	77.0	NR	NR	NR
	11/2/2017	7.80	0.88	-19.8	1.40	11,680	14.86
	5/2/2019	7.34	8.40	140.7	3.04	5,184	9.64
	8/14/2019	7.11	1.82	79.4	0.82	7,485	15.06
	3/10/2020	7.15	8.53	81.6	2.26	4,717	8.60
	10/28/2020	6.65	1.45	116	3.62	11,460	14.50
	4/21/2021	7.88	5.40	53.9	0.00	6,396	9.19
	10/27/2021	6.82	2.13	64.6	0.00	8,298	15.43
	4/13/2022	7.14	0.85	72.6	9.23	6,484	12.64
	10/12/2022	7.30	0.96	74.4	0.00	5,012	17.62
MW-5	8/7/2003	NR	0.86	190.5	NR	NR	NR
	10/7/2003	NR	1.05	396.8	NR	NR	NR
	8/27/2009	NR	0.99	98.0	NR	NR	NR
	11/2/2017	8.10	2.04	18.6	2.16	6,544	15.49
	5/2/2019	7.49	2.01	159.1	4.99	3,070	9.92
	8/14/2019	7.53	0.18	63.4	4.23	4,120	17.45
	3/10/2020	7.80	0.00	21.1	8.24	7,140	11.00
	10/28/2020	7.31	0.29	47.2	2.86	4,895	15.50
	4/21/2021	7.85	0.19	-18.0	0.00	6,948	11.40
	10/27/2021	7.40	0.52	15.4	0.00	3,886	18.70
	4/13/2022	7.22	5.55	63.1	5.20	4,693	13.32
	10/12/2022	7.54	0.70	-27.2	0.00	2,387	18.81
MW-6	8/25/2009	NR	NR	-50.0	NR	NR	NR
	11/9/2017	7.39	0.62	-112.7	NR	6,787	14.81
	5/2/2019	9.31	11.4	94.8	5.91	501	7.66
	8/14/2019	6.82	0.83	3.10	15.5	7,265	17.13
	3/10/2020	7.62	0.01	-154.3	25.4	16,558	11.50
	10/28/2020	7.08	0.26	-137.5	0.78	10,037	12.60
	4/21/2021	7.36	0.41	-98.1	0.00	14,419	9.67
	10/27/2021	6.97	0.44	-50.4	3.74	13,947	15.31
	4/13/2022	6.89	0.41	-65.1	9.24	17,023	15.97
	10/12/2022	5.71	0.59	-52.3	0.16	17,566	16.47
MW-7	11/9/2017	7.72	7.49	-50.7	58.9	5,026	10.72
MW-8	11/9/2017	7.28	4.03	-28.7	NR	5,666	11.71

Table 3: Groundwater Field Parameter Results
Former One-Hour Valet Dry Cleaners
1214 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

Parameter		pH	Dissolved oxygen	Oxidation Reduction Potential	Turbidity	Specific Conductivity	Temperature
Units		S.U.	mg/L	mV	NTU	uS/cm	°C
Monitoring Well ID	**Sample Date**						
MW-9	11/9/2017	7.75	6.40	-42.6	2.00	3,573	11.78
PZ-1	1/15/2002	NR	0.66	-65.3	NR	NR	NR
	5/8/2003	NR	1.31	-18.3	NR	NR	NR
	8/8/2003	NR	0.12	-93.7	NR	NR	NR
	10/7/2003	NR	0.09	-97.1	NR	NR	NR
	8/25/2009	NR	0.83	-73.0	NR	NR	NR
	11/25/2017	8.14	0.64	38.5	20.3	15,260	13.09
		PZ-1 abandoned on 1/11/2018. PZ-1R installed on 4/18/2019.					
PZ-1R	5/2/2019	7.05	1.01	-102.6	3.02	3,351	12.25
	8/14/2019	6.97	0.21	-138.4	11.2	4,930	14.36
	3/10/2020	7.58	0.00	-270.1	5.21	3,818	11.10
	10/28/2020	6.47	0.21	-126.9	3.48	11,394	13.80
	4/21/2021	7.35	0.19	-487.7	4.01	6,890	10.28
	10/27/2021	6.43	0.18	-58.6	4.45	7,106	15.49
	4/13/2022	6.62	0.36	-244.8	9.83	8,583	14.71
	10/12/2022	6.47	0.48	-312.7	9.47	4,987	16.81
PZ-2	8/8/2003	NR	0.19	-41.3	NR	NR	NR
	10/6/2003	NR	0.15	-35.1	NR	NR	NR
	8/27/2009	NR	0.78	-16.0	NR	NR	NR
	11/1/2017	7.64	2.67	-100.3	51.2	5,405	13.52
		PZ-2 abandoned on 7/19/2019. PZ-2R installed on 7/19/2019.					
PZ-2R	8/14/2019	7.15	0.13	-36.8	4.72	7,977	13.85
	3/10/2020	7.29	0.10	-68.3	8.35	7,762	10.20
	10/28/2020	6.99	0.35	-80.6	3.48	9,724	12.90
	4/21/2021	7.65	0.47	-81.7	0.00	5,292	11.08
	10/27/2021	7.19	0.38	-45.8	3.33	6,184	15.34
	4/13/2022	7.11	0.57	-40.0	0.00	6,562	14.12
	10/12/2022	6.90	0.81	-65.8	0.00	7,252	16.46
PZ-3	8/25/2009	NR	0.72	-53.0	NR	NR	NR
	11/2/2017	7.98	1.34	-103.8	17.8	6,042	12.18
		PZ-3 abandoned on 1/11/2018					
PZ-4	8/25/2009	NR	0.72	-55.0	NR	NR	NR
	11/2/2017	7.76	1.47	-111.8	8.75	10,580	12.94
	5/2/2019	7.02	2.99	48.2	5.56	2,193	11.39
	8/14/2019	6.95	0.24	-40.0	6.87	6,714	16.55
	3/10/2020	6.98	0.24	-61.7	9.25	5,098	11.60
	10/28/2020	8.77	7.72	12.4	4.46	366	13.40
	4/21/2021	7.44	0.54	-88.1	0.00	7,498	12.68
	10/27/2021	7.09	0.31	-36.9	1.21	7,280	15.57
	4/13/2022	6.89	0.56	-35.5	8.36	7,873	15.68
	10/12/2022	6.92	0.98	-110.9	2.45	7,667	17.95

Notes:
S.U. = Standard Units
mg/L = milligrams per Liter
mV = millivolts
umhos/cm = micromhos per centimeter
°C = Celsius
NR - Not Recorded

TABLE 4
MNA Parameter Groundwater Sampling Results
Former One-Hour Valet Dry Cleaners
1214 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

Well ID	Sample Date	Dissolved Oxygen (mg/L)	Ethane (µg/L)	Ethene (µg/L)	pH	Iron, Dissolved (mg/L)	Iron, Ferric (mg/L)	Iron, Ferrous (mg/L)	Methane (µg/L)	Nitrogen, NO_2 plus NO_3 (mg/L)	ORP (mV)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
MW-1	1/14/2002	10.39	NA	NA	NR	NA	NA	NA	NA	NA	-37.0	NA	NA
	5/8/2002	3.57	NA	NA	NR	NA	NA	NA	NA	NA	287.1	NA	NA
	8/7/2003	0.22	NA	NA	NR	NA	NA	NA	NA	NA	161.3	NA	NA
	10/7/2003	1.05	0.028	0.049	NR	NA	NA	NA	14	NA	396.8	NA	NA
	8/25/2009	0.69	<10	<10	NR	NA	NA	NA	<10	NA	95.0	NA	1.26
	11/1/2017	1.69	<0.58	<0.52	7.31	0.0126 J	0.00 J	<0.017	<1.4	<0.095	57.7	<100	<0.25
MW-2	1/14/2002	6.42	NA	NA	NR	NA	NA	NA	NA	NA	168.4	NA	NA
	5/8/2002	1.07	NA	NA	NR	NA	NA	NA	NA	NA	256.9	NA	NA
	8/7/2003	0.10	NA	NA	NR	NA	NA	NA	NA	NA	2.3	NA	NA
	10/7/2003	4.43	0.018	0.021	NR	NA	NA	NA	22	NA	364.0	NA	NA
	8/27/2009	0.98	NA	NA	NR	NA	NA	NA	NA	NA	86.0	NA	NA
	11/1/2017	1.71	<0.58	<0.52	7.70	1.77	0.54	1.2 H3	<1.4	<0.095	-74.3	93.5	<0.25
MW-3	8/7/2003	0.15	NA	NA	NR	NA	NA	NA	NA	NA	68.0	NA	NA
	10/7/2003	5.74	0.16	0.056	NR	NA	NA	NA	45	NA	327.8	NA	NA
	8/27/2009	1.01	NA	NA	NR	NA	NA	NA	NA	NA	16.0	NA	NA
	11/1/2017[1]	0.73	NA	NA	7.56	NA	NA	NA	NA	NA	-125.6	NA	NA
MW-4	8/7/2003	5.83	NA	NA	NR	NA	NA	NA	NA	NA	139.0	NA	NA
	10/7/2003	3.44	0.021	0.033	NR	NA	NA	NA	22	NA	383.4	NA	NA
	8/25/2009	2.55	NA	NA	NR	NA	NA	NA	NA	NA	77.0	NA	NA
	11/2/2017	0.88	NA	NA	7.80	NA	NA	NA	NA	NA	-19.8	NA	NA
	5/2/2019	8.40	NA	NA	7.34	NA	NA	NA	NA	NA	140.7	NA	NA
	8/14/2019	1.82	NA	NA	7.11	NA	NA	NA	NA	NA	79.4	NA	NA
	3/10/2020	8.53	NA	NA	7.15	NA	NA	NA	NA	NA	81.6	NA	NA
	10/28/2020	1.45	NA	NA	6.65	NA	NA	NA	NA	NA	116.0	NA	NA
	4/21/2021	5.40	NA	NA	7.88	NA	NA	NA	NA	NA	53.9	NA	NA
	10/27/2021	2.13	NA	NA	6.82	NA	NA	NA	NA	NA	64.6	NA	NA
	4/13/2022	0.85	NA	NA	7.14	NA	NA	NA	NA	NA	72.6	NA	NA
	10/12/2022	0.96	NA	NA	7.30	NA	NA	NA	NA	NA	74.4	NA	NA
MW-5	8/7/2003	0.86	NA	NA	NR	NA	NA	NA	NA	NA	190.5	NA	NA
	10/7/2003	1.05	0.041	0.0097	NR	NA	NA	NA	0.99	NA	396.8	NA	NA
	8/27/2009	0.99	<10	<10	NR	NA	NA	NA	136	NA	98.0	NA	1.82
	11/2/2017	2.04	NA	NA	8.10	NA	NA	NA	NA	NA	18.6	NA	NA
	5/2/2019	2.01	NA	NA	7.49	NA	NA	NA	NA	NA	159.1	NA	NA
	8/14/2019	0.18	NA	NA	7.53	NA	NA	NA	NA	NA	63.4	NA	NA
	3/10/2020	0.00	NA	NA	7.80	NA	NA	NA	NA	NA	21.1	NA	NA
	10/28/2020	0.29	NA	NA	7.31	NA	NA	NA	NA	NA	47.2	NA	NA
	4/21/2021	0.19	NA	NA	7.85	NA	NA	NA	NA	NA	-18.0	NA	NA
	10/27/2021	0.52	NA	NA	7.40	NA	NA	NA	NA	NA	15.4	NA	NA
	4/13/2022	5.55	NA	NA	7.22	NA	NA	NA	NA	NA	63.1	NA	NA
	10/12/2022	0.70	NA	NA	7.54	NA	NA	NA	NA	NA	-27.2	NA	NA
MW-6	8/25/2009	1.0	NA	NA	NR	NA	NA	NA	NA	NA	-50.0	NA	NA
	11/9/2017[1]	0.62	<0.58	<0.52	7.39	13.6	8.3	5.2 H3	<1.4	<0.095	-112.7	82.4	<0.25
	5/2/2019	11.38	<0.58	<0.52	9.31	103	1,030	<0.20	<1.4	0.25 J	94.8	41.8	6.0
	8/14/2019	0.83	<0.58	<0.52	6.82	1.7	<0.20	2.1 H3	<1.4	<0.0	3.1	95.6	0.57 J
	3/10/2020	0.01	<1.2	<1.2	7.62	6.68	<0.20	7.4 H3	75.2	<0.059	-154.3	87 J	1.8
	10/28/2020	0.26	NA	NA	7.08	NA	NA	NA	NA	NA	-137.5	NA	NA
	4/21/2021	0.41	NA	NA	7.36	NA	NA	NA	NA	NA	-98.1	NA	NA
	10/27/2021	0.44	NA	NA	6.97	NA	NA	NA	NA	NA	-50.4	NA	NA
	4/13/2022	0.41	NA	NA	6.89	NA	NA	NA	NA	NA	-65.1	NA	NA
	10/12/2022	0.59	NA	NA	5.71	NA	NA	NA	NA	NA	-52.3	NA	NA

TABLE 4
MNA Parameter Groundwater Sampling Results
Former One-Hour Valet Dry Cleaners
1214 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

Well ID	Sample Date	Dissolved Oxygen (mg/L)	Ethane (µg/L)	Ethene (µg/L)	pH	Iron, Dissolved (mg/L)	Iron, Ferric (mg/L)	Iron, Ferrous (mg/L)	Methane (µg/L)	Nitrogen, NO_2 plus NO_3 (mg/L)	ORP (mV)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
MW-7	8/26/2009	NA	NA	NA	NR	NA	NA	NA	NA	NA	NA	NA	NA
	11/9/2017[2]	7.49	NA	NA	7.72	NA	NA	NA	NA	NA	-50.7	NA	NA
MW-8	8/26/2009	NA	NA	NA	NR	NA	NA	NA	NA	NA	NA	NA	NA
	11/9/2017[3]	4.03	NA	NA	7.28	NA	NA	NA	NA	NA	-28.7	NA	NA
MW-9	8/27/2009	NA	<10	<10	NR	NA	NA	NA	<10	NA	NA	NA	1.27
	11/9/2017	6.40	NA	NA	7.75	NA	NA	NA	NA	NA	-42.6	NA	NA
PZ-1	1/15/2002	0.66	NA	NA	NR	NA	NA	NA	NA	NA	-65.3	NA	NA
	5/8/2003	1.31	NA	NA	NR	NA	NA	NA	NA	NA	-18.3	NA	NA
	8/8/2003	0.12	NA	NA	NR	NA	NA	NA	NA	NA	-93.7	NA	NA
	10/7/2003	0.09	1.7	0.48	NR	NA	NA	NA	7	NA	-97.1	NA	NA
	8/25/2009	0.83	<10	<10	NR	NA	NA	NA	<10	NA	-73.0	NA	2.04
	11/2/2017	0.64	<0.58	<0.52	8.14	2.29	2.2	0.060 H3	<1.4	0.33	38.5	155	0.50 J
PZ-1R	5/2/2019	1.01	337	32.4	7.05	5.88	<0.20	5.8 H3	23.1	<0.095	-102.6	101	124 J
	8/14/2019	0.21	3,060	87.2	6.97	5.70	<0.20	6.5 H3	129	<0.095	-138.4	93.1	184
	3/10/2020	0.00	2,130	974	7.58	4.60	<0.20	5.1 H3	162	<0.059	-270.1	85.9	115
	10/28/2020	0.21	1,560	1,320	6.47	NA	NA	168 C4, H3	1510	NA	-126.9	4.9 J, D3	2,440
	4/21/2021	0.19	1,540	1,090	7.35	NA	NA	19.7 H3	2,680	NA	-487.7	<2.2	499
	10/27/2021	0.18	2.7 J	21.9	6.43	17.1	<0.0281 H3	19.0 H3	1,820	NA	-58.6	<2.2 D3	959
	4/13/2022	0.36	683	3,570	6.62	3.74	<0.058	3.9 H3	5,650	NA	-244.8	66.2	240
	10/12/2022	0.48	1,040 J	7,090	6.47	5.80	<0.50	7.2 H3	13,900	NA	-312.7	<2.2 D3	241
PZ-2	8/8/2003	0.19	NA	NA	NR	NA	NA	NA	NA	NA	-41.3	NA	NA
	10/6/2003	0.15	1.3	0.79	NR	NA	NA	NA	60	NA	-35.1	NA	NA
	8/27/2009	0.78	NA	NA	NR	NA	NA	NA	NA	NA	-16.0	NA	NA
	11/1/2017[1]	2.67	<0.58	<0.52	7.64	8.82	5.7	3.1	23.1	<0.095	-100.3	178	<0.25
PZ-2R	8/14/2019	0.13	0.82 J	<0.52	7.15	3.20	<0.20	3.6 H3	22	<0.095	-36.8	164	0.40 J
	3/10/2020	0.10	<1.2	<1.2	7.29	2.80	<0.20	2.9 H3, M1	10.3	<0.059	-68.3	140	0.36 M0
	10/28/2020	0.35	NA	NA	6.99	NA	NA	NA	NA	NA	-80.6	NA	NA
	4/21/2021	0.47	NA	NA	7.65	NA	NA	NA	NA	NA	-81.7	NA	NA
	10/27/2021	0.38	NA	NA	7.19	NA	NA	NA	NA	NA	-45.8	NA	NA
	4/13/2022	0.57	NA	NA	7.11	NA	NA	NA	NA	NA	-40.0	NA	NA
	10/12/2022	0.81	NA	NA	6.9	NA	NA	NA	NA	NA	-65.8	NA	NA
PZ-3	8/25/2009	0.72	NA	NA	NR	NA	NA	NA	NA	NA	-53.0	NA	NA
	11/2/2017	1.34	NA	NA	7.98	NA	NA	NA	NA	NA	-103.8	NA	NA
PZ-4	8/25/2009	0.72	NA	NA	NR	NA	NA	NA	NA	NA	-55.0	NA	NA
	11/2/2017	1.47	NA	NA	7.76	NA	NA	NA	NA	NA	-111.8	NA	NA
	5/2/2019	2.99	NA	NA	7.02	NA	NA	NA	NA	NA	48.2	NA	NA
	8/14/2019	0.24	NA	NA	6.95	NA	NA	NA	NA	NA	-40.0	NA	NA
	3/10/2020	0.24	NA	NA	6.98	NA	NA	NA	NA	NA	-61.7	NA	NA
	10/28/2020	7.72	NA	NA	8.77	NA	NA	NA	NA	NA	12.4	NA	NA
	4/21/2021	0.54	NA	NA	7.44	NA	NA	NA	NA	NA	-88.1	NA	NA
	10/27/2021	0.31	NA	NA	7.09	NA	NA	NA	NA	NA	-36.9	NA	NA
	4/13/2022	0.56	NA	NA	6.89	NA	NA	NA	NA	NA	-35.5	NA	NA
	10/12/2022	0.98	NA	NA	6.92	NA	NA	NA	NA	NA	-110.9	NA	NA

Notes:
J = Estimated concentration at or above the level of detection and below the level of quantification.
mg/L = milligrams per liter
mV = millivolts
NA = Data was not collected or not able to be collected.
NS = Not sampled.
ORP = Oxidation-reduction potential; measured in the field.
ug/L = micrograms per liter
All sampling 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 5
Groundwater Analytical Results - Summary of Detected Constituents
Former One-Hour Valet Dry Cleaners
1214 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

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
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

TABLE 5
Groundwater Analytical Results - Summary of Detected Constituents
Former One-Hour Valet Dry Cleaners
1214 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

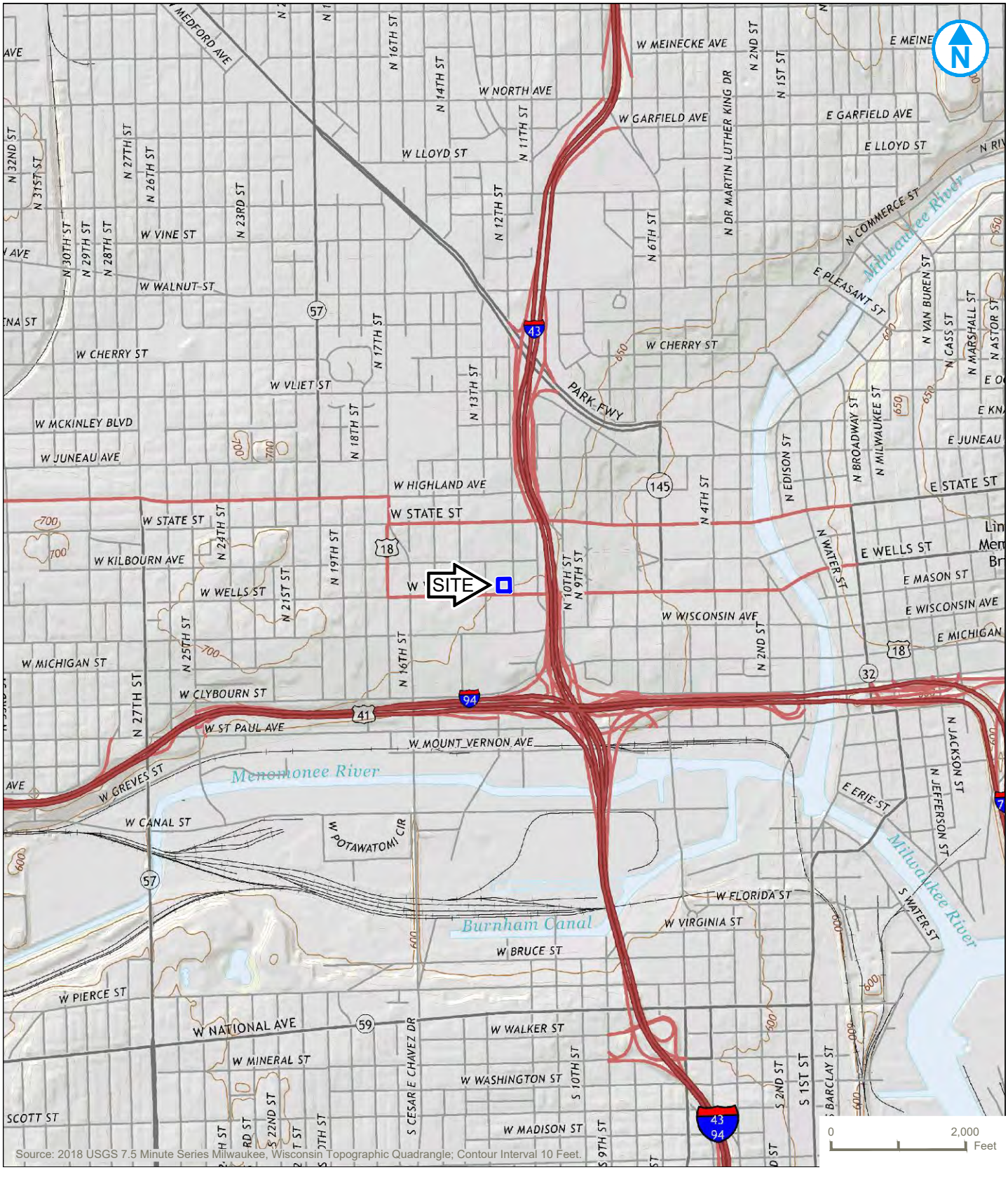
Analyte[1,2]		Benzene	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Methylene chloride	Tetrachloroethene	Toluene	Trichloroethene	1,2,4-Trimethylbenzene[3]	Vinyl chloride	Xylenes, total[4]
CAS		71-43-2	67-66-3	75-35-4	156-59-2	156-60-5	100-41-4	75-09-2	127-18-4	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
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
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

TABLE 5
Groundwater Analytical Results - Summary of Detected Constituents
Former One-Hour Valet Dry Cleaners
1214 West Wells Street, Milwaukee, Wisconsin
Ramboll Project No. 1690005819

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

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.

FIGURES



Source: 2018 USGS 7.5 Minute Series Milwaukee, Wisconsin Topographic Quadrangle; Contour Interval 10 Feet.

KEY MAP

Map Scale: 1:24,000
Map Center: 43°2'26.2063", -87°55'39.6106"

SITE LOCATION MAP

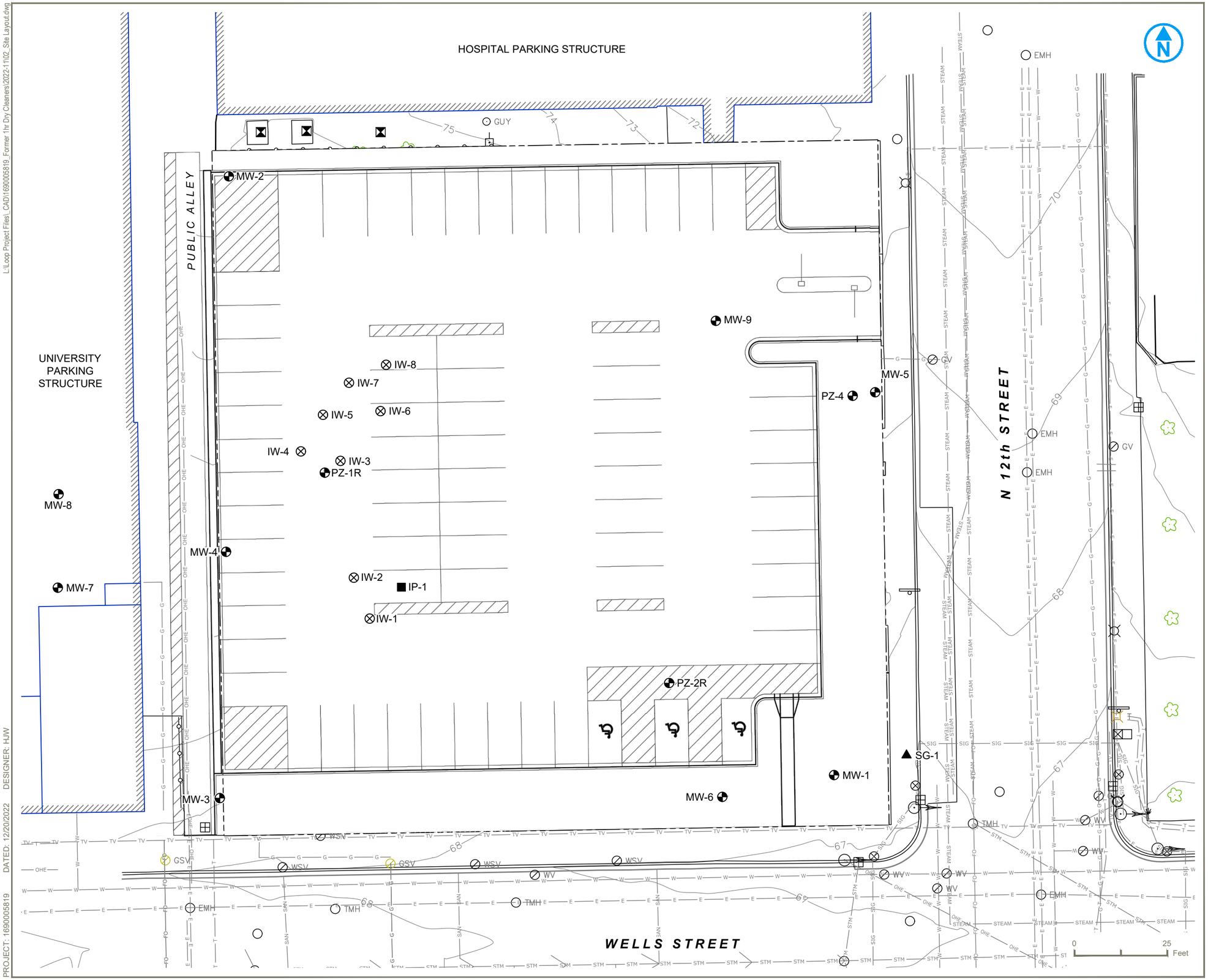
FORMER ONE-HOUR VALET DRY CLEANERS
1214 WEST WELLS STREET
MILWAUKEE, WISCONSIN

FIGURE 1

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1690005819 DATED: 6/21/2021 DESIGNER: HJW
L:\Loop Project Files_CAD\1690005819_Former 1hr Dry Cleaners\2021-0610_Site Location Map.dwg



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)

SITE LAYOUT

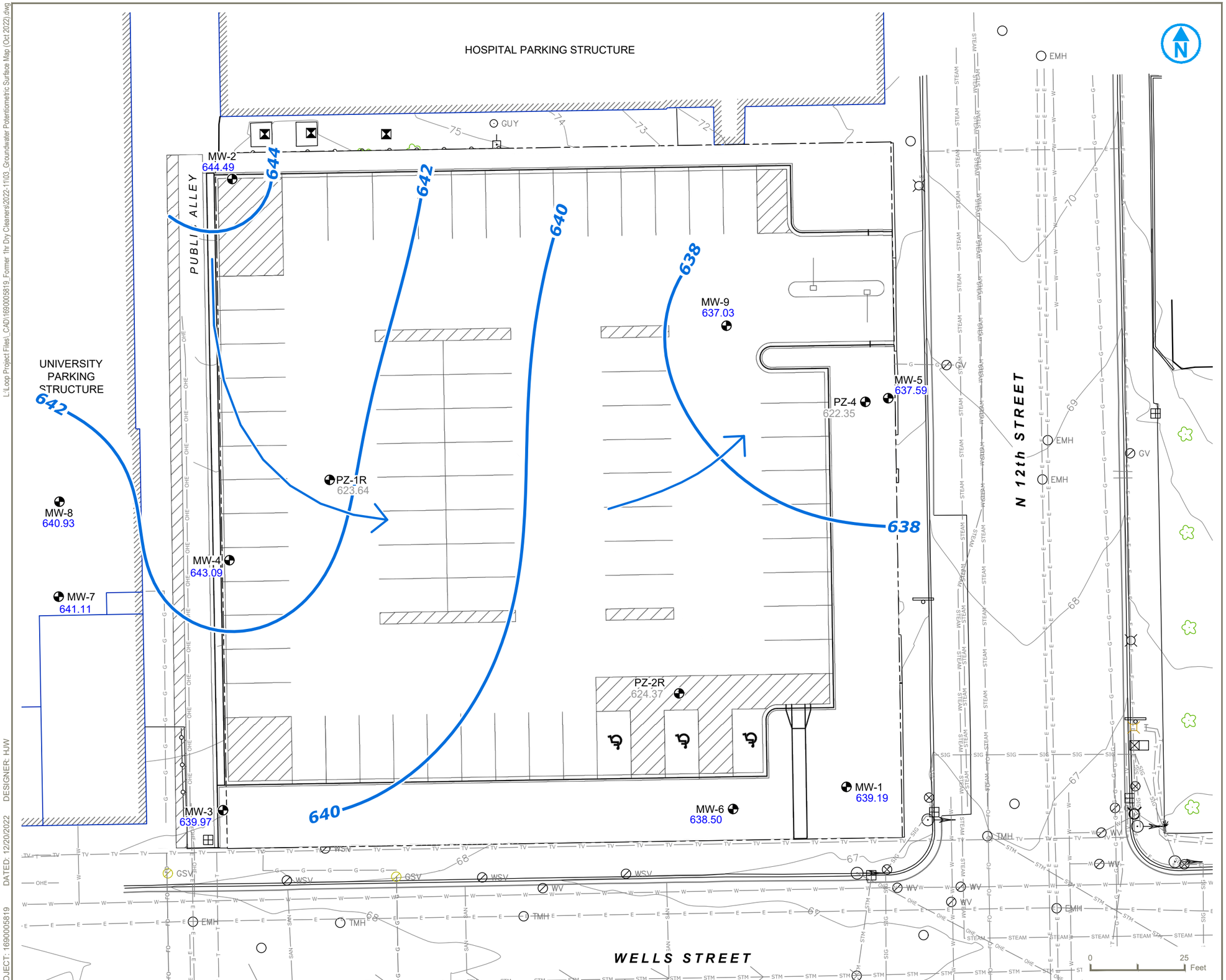
FORMER ONE-HOUR VALET DRY CLEANERS
1214 WEST WELLS STREET
MILWAUKEE, WISCONSIN

FIGURE 2

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1690005819 DATED: 12/20/2022 DESIGNER: HJW
L:\Loop Project Files_CAD\1690005819_Former 1hr Dry Cleaners\2022-11\02_Site Layout.dwg



LEGEND

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- ASPHALT
- CONCRETE
- FENCE LINE
- 75 — 1-FT ELEVATION CONTOUR
- E E — UNDERGROUND ELECTRIC
- OHE — OVERHEAD ELECTRIC
- T T — TELEPHONE
- W W — WATER LINE
- G G — GAS
- TV — CABLE TV
- FO FO — FIBER OPTIC
- STM — STORMWATER SEWER
- SAN — SANITARY SEWER
- STEAM — STEAM
- CATCH BASIN
- MANHOLE
- VALVE
- TRAFFIC LIGHT
- TRANSFORMER
- METER
- LIGHT POLE
- GUY UTILITY POLE / GUY
- TREE
- FIRE HYDRANT
- T TELEPHONE PEDESTAL
- CONTROL BOX
- MONITORING WELL
- 639.19 GROUNDWATER ELEVATION (FT)
- −638− GROUNDWATER CONTOUR (2-FT INTERVAL)
- GROUNDWATER FLOW DIRECTION

NOTE: GROUNDWATER MEASUREMENTS TAKEN AT PZ-1R, PZ-2R, AND PZ-4 WERE NOT INCLUDED IN CONTOURING CALCULATIONS.

GROUNDWATER POTENTIOMETRIC SURFACE MAP (OCTOBER 2022)

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

FIGURE 3

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1690005819 DATED: 12/20/2022 DESIGNER: HJW

L:\Loop Project Files_CAD\1690005819_Former 1hr Dry Cleaners\2022-1103_Groundwater Potentiometric Surface Map (Oct 2022).dwg

Parameter (CVOCs)	*Abbreviations*	ES	*PAL*
cis-1,2-Dichloroethene	cis-1,2-DCE	**70**	*7*
trans-1,2-Dichloroethene	trans-1,2-DCE	**100**	*20*
Tetrachloroethene	PCE	**5**	*0.5*
Trichloroethene	TCE	**5**	*0.5*
Vinyl Chloride	VC	**0.2**	*0.02*

HOSPITAL PARKING STRUCTURE

UNIVERSITY PARKING STRUCTURE

PUBLIC ALLEY

MW-2 NS

MW-9 NS

MW-8 NS

MW-7 NS

MW-3 NS

MW-1 NS

PZ-1R	
DATE:	10/12/2022
cis-1,2-DCE	**92,600**
trans-1,2-DCE	<264
PCE	**20,200**
TCE	**3,350**
VC	**21,900**

PZ-1R

PZ-4	
DATE:	10/12/2022
cis-1,2-DCE	<0.47
trans-1,2-DCE	<0.53
PCE	<0.41
TCE	<0.32
VC	**1.4**

PZ-4

MW-5	
DATE:	10/12/2022
cis-1,2-DCE	*10.6*
trans-1,2-DCE	<0.53
PCE	**18.6**
TCE	*3.6*
VC	**0.26 J**

MW-5

MW-4	
DATE:	10/12/2022
cis-1,2-DCE	<0.47
trans-1,2-DCE	<0.53
PCE	**26.8**
TCE	<0.32
VC	<0.17

MW-4

PZ-2R	
DATE:	10/12/2022
cis-1,2-DCE	**121**
trans-1,2-DCE	1.7
PCE	<0.41
TCE	<0.32
VC	**11.1**

PZ-2R

MW-6	
DATE:	10/12/2022
cis-1,2-DCE	1.3
trans-1,2-DCE	<0.53
PCE	<0.41
TCE	<0.32
VC	**0.42 J**

MW-6

WELLS STREET

N 12TH STREET

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 Feet

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

All results reported in micrograms per Liter (µg/L)
ES = Enforcement Standard
PAL = Preventive Action Limit
Bold value = NR 140 ES Exceedance
Italic Value = NR 140 PAL Exceedance
ND = No detections
NS = Not sampled
J = Estimated concentration. Laboratory results reported between the limit of detection and limit of quantification.

CVOC CONCENTRATIONS IN GROUNDWATER (OCTOBER 2022)

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

FIGURE 4

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

L:\Loop Project Files_CAD\1690005819_Former 1hr Dry Cleaners\2022-11\04_CVOC Concentrations in GW (Oct 2022).dwg
PROJECT: 1690005819 DATED: 11/21/2022 DESIGNER: HJW

APPENDIX A

LABORATORY ANALYTICAL REPORTS

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

November 15, 2022

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

RE: Project: 1690005819
Pace Project No.: 40253092

Dear Susan Petrofske:

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

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

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

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

CERTIFICATIONS

Project: 1690005819
Pace Project No.: 40253092

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

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

SAMPLE SUMMARY

Project: 1690005819
Pace Project No.: 40253092

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

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

SAMPLE ANALYTE COUNT

Project: 1690005819
Pace Project No.: 40253092

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

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: 1690005819
Pace Project No.: 40253092

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690005819
Pace Project No.: 40253092

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

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

QC Batch: 428756
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: 40253092007

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

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

LABORATORY CONTROL SAMPLE & LCSD: 2469490 2469491

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2469765 2469766

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

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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.: 40253092

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

Associated Lab Samples: 40253092007

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

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

LABORATORY CONTROL SAMPLE: 2477381

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477382 2477383

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

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

QC Batch: 428730
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40253092001, 40253092002, 40253092003

METHOD BLANK: 2469423 Matrix: Water
Associated Lab Samples: 40253092001, 40253092002, 40253092003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	10/17/22 10:39	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	10/17/22 10:39	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	10/17/22 10:39	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	10/17/22 10:39	
1,1-Dichloroethane	ug/L	<0.30	1.0	10/17/22 10:39	
1,1-Dichloroethene	ug/L	<0.58	1.0	10/17/22 10:39	
1,1-Dichloropropene	ug/L	<0.41	1.0	10/17/22 10:39	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	10/17/22 10:39	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	10/17/22 10:39	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/17/22 10:39	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	10/17/22 10:39	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	10/17/22 10:39	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	10/17/22 10:39	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	10/17/22 10:39	
1,2-Dichloroethane	ug/L	<0.29	1.0	10/17/22 10:39	
1,2-Dichloropropane	ug/L	<0.45	1.0	10/17/22 10:39	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	10/17/22 10:39	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	10/17/22 10:39	
1,3-Dichloropropane	ug/L	<0.30	1.0	10/17/22 10:39	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	10/17/22 10:39	
2,2-Dichloropropane	ug/L	<4.2	5.0	10/17/22 10:39	
2-Chlorotoluene	ug/L	<0.89	5.0	10/17/22 10:39	
4-Chlorotoluene	ug/L	<0.89	5.0	10/17/22 10:39	
Benzene	ug/L	<0.30	1.0	10/17/22 10:39	
Bromobenzene	ug/L	<0.36	1.0	10/17/22 10:39	
Bromochloromethane	ug/L	<0.36	5.0	10/17/22 10:39	
Bromodichloromethane	ug/L	<0.42	1.0	10/17/22 10:39	
Bromoform	ug/L	<3.8	5.0	10/17/22 10:39	
Bromomethane	ug/L	<1.2	5.0	10/17/22 10:39	
Carbon tetrachloride	ug/L	<0.37	1.0	10/17/22 10:39	
Chlorobenzene	ug/L	<0.86	1.0	10/17/22 10:39	
Chloroethane	ug/L	<1.4	5.0	10/17/22 10:39	
Chloroform	ug/L	<1.2	5.0	10/17/22 10:39	
Chloromethane	ug/L	<1.6	5.0	10/17/22 10:39	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/17/22 10:39	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	10/17/22 10:39	
Dibromochloromethane	ug/L	<2.6	5.0	10/17/22 10:39	
Dibromomethane	ug/L	<0.99	5.0	10/17/22 10:39	
Dichlorodifluoromethane	ug/L	<0.46	5.0	10/17/22 10:39	
Diisopropyl ether	ug/L	<1.1	5.0	10/17/22 10:39	

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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.: 40253092

METHOD BLANK: 2469423 Matrix: Water
Associated Lab Samples: 40253092001, 40253092002, 40253092003

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

LABORATORY CONTROL SAMPLE: 2469424

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

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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.: 40253092

LABORATORY CONTROL SAMPLE: 2469424

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

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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.: 40253092

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

Associated Lab Samples: 40253092008

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

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

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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.: 40253092

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

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

LABORATORY CONTROL SAMPLE: 2470310

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

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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.: 40253092

LABORATORY CONTROL SAMPLE: 2470310

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

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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.: 40253092

QC Batch: 429240
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40253092004, 40253092005, 40253092006, 40253092007

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

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	10/24/22 14:42	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	10/24/22 14:42	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	10/24/22 14:42	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	10/24/22 14:42	
1,1-Dichloroethane	ug/L	<0.30	1.0	10/24/22 14:42	
1,1-Dichloroethene	ug/L	<0.58	1.0	10/24/22 14:42	
1,1-Dichloropropene	ug/L	<0.41	1.0	10/24/22 14:42	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	10/24/22 14:42	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	10/24/22 14:42	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/24/22 14:42	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	10/24/22 14:42	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	10/24/22 14:42	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	10/24/22 14:42	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	10/24/22 14:42	
1,2-Dichloroethane	ug/L	<0.29	1.0	10/24/22 14:42	
1,2-Dichloropropane	ug/L	<0.45	1.0	10/24/22 14:42	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	10/24/22 14:42	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	10/24/22 14:42	
1,3-Dichloropropane	ug/L	<0.30	1.0	10/24/22 14:42	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	10/24/22 14:42	
2,2-Dichloropropane	ug/L	<4.2	5.0	10/24/22 14:42	
2-Chlorotoluene	ug/L	<0.89	5.0	10/24/22 14:42	
4-Chlorotoluene	ug/L	<0.89	5.0	10/24/22 14:42	
Benzene	ug/L	<0.30	1.0	10/24/22 14:42	
Bromobenzene	ug/L	<0.36	1.0	10/24/22 14:42	
Bromochloromethane	ug/L	<0.36	5.0	10/24/22 14:42	
Bromodichloromethane	ug/L	<0.42	1.0	10/24/22 14:42	
Bromoform	ug/L	<3.8	5.0	10/24/22 14:42	
Bromomethane	ug/L	<1.2	5.0	10/24/22 14:42	
Carbon tetrachloride	ug/L	<0.37	1.0	10/24/22 14:42	
Chlorobenzene	ug/L	<0.86	1.0	10/24/22 14:42	
Chloroethane	ug/L	<1.4	5.0	10/24/22 14:42	
Chloroform	ug/L	<1.2	5.0	10/24/22 14:42	
Chloromethane	ug/L	<1.6	5.0	10/24/22 14:42	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/24/22 14:42	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	10/24/22 14:42	
Dibromochloromethane	ug/L	<2.6	5.0	10/24/22 14:42	
Dibromomethane	ug/L	<0.99	5.0	10/24/22 14:42	
Dichlorodifluoromethane	ug/L	<0.46	5.0	10/24/22 14:42	
Diisopropyl ether	ug/L	<1.1	5.0	10/24/22 14:42	

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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.: 40253092

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

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

LABORATORY CONTROL SAMPLE: 2472221

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

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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.: 40253092

LABORATORY CONTROL SAMPLE: 2472221

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2474474 2474475

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

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2474474 2474475

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

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

QC Batch: 429186
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: 40253092007

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

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

LABORATORY CONTROL SAMPLE: 2471892

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2471893 2471894

Parameter	Units	40253075005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	26.1	100	100	135	134	109	108	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2471895 2471896

Parameter	Units	40253075018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	60.6J	1000	1000	1090	1080	103	102	90-110	2	15	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690005819
Pace Project No.: 40253092

QC Batch: 429597
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40253092007

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

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

LABORATORY CONTROL SAMPLE: 2474383

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2474384 2474385

Parameter	Units	40253142001 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	0.93	6	6	6.8	6.9	98	100	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2474386 2474387

Parameter	Units	40253142002 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	0.58	6	6	6.4	6.5	96	99	80-120	2	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1690005819
Pace Project No.: 40253092

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	The calculated result of - 1.40 mg/L is greater than the reporting limit.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690005819
Pace Project No.: 40253092

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

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: 40253092

ALL SHADED AREAS are for LAB USE ONLY

Company: RAMBOLL	Billing Information:
Address: 234 W FLORIDA ST	
Report To: P.LINDQUIST@RAMBOLL.COM	Email To:
Copy To: DGLASFORD@RAMBOLL.COM	Site Collection Info/Address:
Customer Project Name/Number: 1690005819	State: WI / County/City: MILWAUKEE Time Zone Collected: [ ]PT [ ]MT [ ]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):	Turnaround Date Required: Immediately Packed on Ice: [X] 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): [ ] Yes [ ] No Analysis:

Container Preservative Type **: 3 3 HCl N U

Lab Project Manager:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) 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	10-12-22	753					X					001
MW-6				830					X					002
MW-6 DUP				835					X					003
PZ-4				910					X					004
MW-5				950					X					005
MW-4				1030					X					006
PZ-1B				1155					X	X	X	X	X	007
TRIP BLANK	—	—		—					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:

Customer Remarks / Special Conditions / Possible Hazards:

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 #: 2784319

Samples received via: FEDEX UPS Client Courier Pace Courier

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:
RAMBOLL	10-12-22 1330	CS LOGISTICS	10-12-22 1330
CS Logistics	10/13/22 0800		10/13/22 0800

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

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Client Name: Ramboll

Sample Preservation Receipt Form

Project # 40153092

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

Lab Lot# of pH paper: 40D0782 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: SB Date/ Time:

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	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							
001																	3																	2.5 / 5
002																	3																	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						2									1						X		2.5 / 5
008									1		1						2												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

1/13/22 SB

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	250mL amber glass H2SO4
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40253092

40253092

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

Cooler Temperature Uncorr: 4.5 /Corr: 5

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

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: 10/13/22 /Initials: SG
Labeled By Initials: MVG

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
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:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Page 2 of 2

Report of Analysis

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

Project Name: 1690005819

Project Number: 40253092

Lot Number:**XJ15006**

Date Completed:10/18/2022

11/15/2022 9:06 AM
Approved and released by:
Project Coordinator 1: **Jenna S. Holliday**

Case Narrative
Pace Analytical Services, LLC
Lot Number: XJ15006

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

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

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

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

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

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

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

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

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

(1 sample)

Detection Summary

Pace Analytical Services, LLC

Lot Number: XJ15006

Project Name: 1690005819

Project Number: 40253092

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

(1 detection)

Inorganic non-metals

Client: **Pace Analytical Services, LLC** Laboratory ID: **XJ15006-001**

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

Date Sampled: **10/12/2022 1155** Project Name: **1690005819**

Date Received: **10/15/2022** Project Number: **40253092**

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

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

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

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

QC Summary

Inorganic non-metals - MB

Sample ID: XQ57167-001
Batch: 57167
Analytical Method: SM 3500-Fe B-2011
Matrix: Aqueous

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

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection
ND = Not detected at or above the LOQ
J = Estimated result < LOQ and ≥ DL
* = RSD is out of criteria
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
+ = RPD is out of criteria

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

Inorganic non-metals - LCS

Sample ID: XQ57167-002 **Matrix:** Aqueous

Batch: 57167

Analytical Method: SM 3500-Fe B-2011

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

LOQ = Limit of Quantitation

LOD = Limit of Detection

ND = Not detected at or above the LOQ

* = RSD is out of criteria

N = Recovery is out of criteria

P = The RPD between two GC columns exceeds 40%

+ = RPD is out of criteria

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

Inorganic non-metals - LCSD

Sample ID: XQ57167-003 **Matrix:** Aqueous

Batch: 57167

Analytical Method: SM 3500-Fe B-2011

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

LOQ = Limit of Quantitation

ND = Not detected at or above the LOQ

N = Recovery is out of criteria

P = The RPD between two GC columns exceeds 40%

LOD = Limit of Detection

* = RSD is out of criteria

+ = RPD is out of criteria

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

Inorganic non-metals - MS

Sample ID: XJ15006-001MS
Matrix: Aqueous
Batch: 57167
Analytical Method: SM 3500-Fe B-2011

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

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

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

Inorganic non-metals - MSD

Sample ID: XJ15006-001MD
Matrix: Aqueous
Batch: 57167
Analytical Method: SM 3500-Fe B-2011

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

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

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

Chain of Custody
and
Miscellaneous Documents

Internal Transfer Chain of Custody

Pace Analytical
www.pacelabs.com

[X] Samples Pre-Logged into eCOC.

State Of Origin: WI
Cert. Needed: [ ] Yes [X] No
Owner Received Date: 10/13/2022 Results Requested By: 10/27/2022

Workorder: 40253092 **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 108 Vantage Point Drive West Columbia, SC 29172 Phone (803)791-9700

XJ15006

JSH

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: HCL	Ferrous Iron by SM 3500 Fe 2011	LAB USE ONLY
	PZ-[illegible]R	PS	10/12/2022 11:55	40253092007	Water	2	X	

Requested Analysis

Comments

Transfers	Released By	Date/Time	Received By	Date/Time
1	Courtney Pace	10/13/22 1400		
2				
3	FedEx	10/15/22 0915	Greg Hamilton	10/15/22 0915

Cooler Temperature on Receipt 3.4 °C | Custody Seal (Y) or N | 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.

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108 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PACE ANALYTICAL SERVICES, LLC

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

Sample Receipt Checklist (SRC)

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

Means of receipt: ☐ 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

3.4 / 3.4 °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

APPENDIX B

INVESTIGATION DERIVED WASTE DISPOSAL DOCUMENTATION

or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WIDO52684479	1	(877) 818-0087	002161345 VES

GENERATOR

5. Generator's Name and Mailing Address

DENNIS DAYE
MARQUETTE UNIVERSITY
ACADEMIC SUPPORT FACILITY, 110 P.O. BOX 1881
MILWAUKEE, WI 53201

Generator's Phone: 414 288-3411

Generator's Site Address (if different than mailing address)

1214 WEST WELLS STREET
MILWAUKEE, WI 53233

6. Transporter 1 Company Name — U.S. EPA ID Number

VEOLIA ES TECHNICAL SOLUTIONS — NID082063136 9

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

VEOLIA ES TECHNICAL SOLUTIONS,
W124 N9451 BOUNDARY
MENOMONEE FALLS, WI 53051

Facility's Phone: 262 255-6655 — WIDO02967148

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3082, HAZARDOUS WASTE, LIQUID, n.o.s., (TETRACHLOROETHYLENE), 9, III, RQ (F002)	1	DF	41	P	F002		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

HR Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. MARQUETTE UNIVERSITY OFFERED PLACARDS/ERG REFUSED BY VEOLIA -|- 1) OU 36190

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Daye — Signature — Month 10 Day 25 Year 202

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Colin Barrington — Signature — Month 10 Day 25 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

PACKING SUMMARY

SL Acent Id (Gen Num): 56727 (649254)
Marquette University
1214 West Wells Street
Milwaukee, WI 53233
Attn: DENNIS DAYE
EPA ID:WID053684478

Manifest Number: 002161345VES
Field System ID: HH
Work Order Number: 4068912000
Date Shipped: 10/25/2022

Container#: HH-4068912000-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 555475 DisposalCode: CWDDP108-55 PHY State: L

Date Accumulated: 10/25/2022 Gen Drum ID:

Shipping Name: NA3082, HAZARDOUS WASTE, LIQUID, n.o.s., (TETRACHLOROETHYLENE), 9, III, RQ (F002)

No. of Commons: 01 Outer Container: 051H1-DF Inner Container:

Primary Waste Codes: F002 PCB Serial #: COS Date: / /

Total Cmns Wt: 41 SIC: 8221 Source: G19 Form: W219 System: H141 Cubic Ft.: 0.69

Individual Common Weights: 1 @ 41 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		TETRACHLOROETHYLENE [0-81M] TRICHLOROETHYLENE (TCE) [0-3.3M] WATER [99-100%] RUST, DIRT, SCALE [0-1%]	F002

Land Disposal Restriction Notification Form

Generator Name Marquette University

EPA ID Number WID053684478 Manifest 002161345VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: HH-4000012000-001 (1/ 1)

WIP / Approval Code:	556475 / CWDDPK9-60
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	F002
Constituents (F001 - F005):	TETRACHLOROETHYLENE, TRICHLOROETHYLENE (TCE)
UHCs Present:	Not Applicable
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Director EH&S Date 10/25/2022