



**CIVIL & ENVIRONMENTAL  
ENGINEERING, SURVEYING**

**October 4, 2019**

**WDNR**

Attn: Steve Janowiak  
473 Griffith Avenue  
Wisconsin Rapids, WI 54494



**Subject:**

Site Investigation Report  
Former Normington Dry Cleaners  
821 Chestnut Street  
Wisconsin Rapids, WI 54494  
BRRTS #02-72-257528

**Dear Mr. Janowiak**

Attached is the Site Investigation Report for the Former Normington Dry Cleaners site. REI is recommending installation of one (1) additional sidegradient piezometer, and two (2) years of quarterly groundwater monitoring.

Thank you for your assistance with this project. Please contact me with questions or comments, and to discuss potential piezometer locations at (715) 675-9784 or [Adelforge@REIengineering.com](mailto:Adelforge@REIengineering.com).

Sincerely,  
REI Engineering, Inc.

Andrew R. Delforge, P.G.  
Senior Hydrogeologist/Project Manager

**Attachments**

cc: Ray Rogus, R&R Transmission Specialists, 731 8<sup>th</sup> Street South, Wisconsin Rapids, WI 54494  
Matt Rowe, Ruder Ware, L.L.S.C. (Electronic only)



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**REI**

**CIVIL & ENVIRONMENTAL  
ENGINEERING, SURVEYING**

**SITE INVESTIGATION REPORT  
FORMER NORMINGTON DRY  
CLEANERS**

**821 CHESTNUT STREET  
WISCONSIN RAPIDS, WI 54494  
BRRTS #02-72-257528  
REI PROJECT #1933C**



**COMPREHENSIVE  
SERVICES WITH  
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SOLUTIONS**



# **SITE INVESTIGATION REPORT**

**FORMER NORMINGTON DRY CLEANERS  
821 CHESTNUT STREET  
WISCONSIN RAPIDS, WI 54494**

**BRRTS #02-72-257528**

**REI PROJECT #1933C**



## **PREPARED FOR:**

**PB Holdings of Marshfield  
c/o Ruder Ware, L.L.S.C.  
500 First Street, Suite 8000  
Wausau, WI 54402-8050**

**OCTOBER 2019**

**SITE INVESTIGATION REPORT**

**FORMER NORMINGTON DRY CLEANERS  
821 CHESTNUT STREET  
WISCONSIN RAPIDS, WI 54494  
BRRTS # 02-72-257528**


**REI PROJECT #1933C**

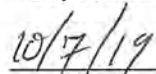
The recommendations contained in this report are based on the information obtained from our study of the site and were arrived at in accordance with accepted hydrogeologic and engineering practices at this time and location.

"I, Andrew R. Delforge, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. 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 726, Wis. Adm. Code."



"I, Brian Bailey, hereby certify that I am a scientist as that term is defined in s. NR 712.03 (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 726, Wis. Adm. Code."

  
\_\_\_\_\_  
Environmental Scientist

  
\_\_\_\_\_  
Date

## **TABLE OF CONTENTS**

1.0	Introduction
1.1	Purpose of Report
1.2	Site Background
1.3	Summary of Events
2.0	Method of Investigation
2.1	Soil
2.2	Groundwater
2.2.1	Groundwater Profile Sampling
2.2.2	Monitoring Well and Piezometer Sampling
2.2.3	Private Driven Point Well Sampling
3.0	Results of Investigation
3.1	Regional Geology/Hydrology
3.1.1	Site Geology
3.1.2	Site Hydrogeology
3.2	Soil and Vadose Zone Quality
3.3	Groundwater Quality
4.0	Vapor Intrusion Pathway
5.0	Conclusions and Recommendations

### **LIST OF TABLES**

Tables 1	Soil Sample Analytical Results
Table 2a-2ae	Groundwater Analytical Results
Table 3	Depth to Groundwater and Groundwater Elevations
Table 4	Sub-Slab Vapor Sampling Results

### **LIST OF FIGURES**

Figure 1	Site Vicinity Map
Figure 2	Site Map
Figure 3	Cross-Section A-A'
Figure 4	Estimated Area of CVOC Contamination in Soil
Figures 5a-5b	Groundwater Contours and Estimated Extent of Groundwater Contamination 4/24/19 & 8/13/19
Figures 6a-6b	CVOC Concentration vs. Groundwaer Elevation and Time at PZWR2 & CPZ5

### **LIST OF APPENDICES**

Appendix A	Deed, Zoning, and Responsible Party Agreement
Appendix B	Photographs
Appendix C	Methods and Procedures
Appendix D	WDNR Soil Boring Logs, Well Construction Forms, Well Development Forms, and Borehole Abandonment Forms
Appendix E	Soil and Water Disposal Documentation
Appendix F	Laboratory Analytical Reports

# **SITE INVESTIGATION REPORT**

## **FORMER NORMINGTON DRY CLEANERS 821 CHESTNUT STREET WISCONSIN RAPIDS, WI 54494 BRRTS #02-72-257528**

### **REI PROJECT #1933C**

#### **1.0 INTRODUCTION**

In accordance with NR 716, REI is providing a Site Investigation Report for the Former Normington Dry Cleaners site, located at 821 Chestnut Street in the City of Wisconsin Rapids, Wood County, WI. The property is zoned G-2 Commercial. Copies of the current deed, and zoning are included in Appendix A. The site location is shown on Figure 1

#### **1.1 Purpose of Report**

This report presents the results of the site investigation, and monitoring performed at the Former Normington Dry Cleaners site. The purpose of the investigation was to determine the degree and extent of Chlorinated Volatile Organic Compounds (CVOCs) contamination in soil and groundwater.

#### **1.2 Site Background**

Chlorinated Volatile Organic Compound (CVOC) contamination was discovered at the Former Normington Dry Cleaners site as the result of groundwater sampling at the adjacent Colonial Standard Leaking Underground Storage Tank (LUST) site (BRRTS #03-72-000614). The former Colonial Standard (now R&R Transmission) is located directly west of the Normington property at 811 Chestnut Street. An environmental site investigation was performed at the Colonial Standard site from August 1997 through January 2000 by REI. Additionally, an investigation was performed at the Former Spur Station #2370, located downgradient of both Colonial Standard and the Former Normington Dry Cleaners by DPRA. Both investigations discovered

chlorinated organics, primarily tetrachloroethylene (PCE) co-mingled with the gasoline impacted plumes. As a result, a responsible party (RP) letter was submitted to Mr. Kevin Hutchhausen and Ms. Kim Marth, owners of both Colonial Standard and Former Normington Dry Cleaners on August 8, 2000 by Tom Hvizdak of the Wisconsin Department of Natural Resources, requiring that a site investigation be performed for CVOCs.

REI performed a site investigation from November 2000 through July 2003 at the site. A total of nine (9) geoprobes, two hand auger borings, and six (6) piezometers were installed at the site. The site investigation activities were summarized in the October 2002 *CVOC Phase II Site Investigation Report*, and July 2003 *CVOC Phase II – Additional Site Investigation Report*. REI concluded that there may be another source of CVOC contamination in the area.

In January 2012, the WDNR contracted Robert E. Lee & Associates, Inc. to install and sample additional monitoring wells and piezometers to determine if another source was present. Robert E. Lee installed four (4) geoprobes, one (1) monitoring well, and two (2) piezometers at the site from January-March 2012. The December 4, 2012 *Status Update* report summarized the results, which determined that the former Normington Dry Cleaners site was the apparent source of CVOC contamination in the area.

Photographs are included in Appendix B.

Responsible Party and Property Owner:  
R&R Transmission Specialists, LLC  
Mr. Ray Rogus  
731 8<sup>th</sup> Street South  
Wisconsin Rapids, WI 54494

The Normington Dry Cleaners property was purchased from Kim and Kevin Hutchhausen by Thomas Nelson. As such, Mr. Nelson became the Responsible Party for the investigation per CH 292. Pioneer Bank had a financial interest in the property, and as part of the transaction, a Hold Harmless agreement was put in place which Pioneer Bank accepted responsibility for costs associated with any additional investigation. When the property was purchased by R&R Transmission Specialists,



LLC in 2015, Ray Rogus became the responsible party. Mr. Rogus was made aware of the agreement, and Pioneer Bank reaffirmed their commitment to financial responsibility for the contamination. In March 2019, with the approval of Mr. Rogus, the financial commitment was transferred from Pioneer Bank to PB Holdings of Marshfield, LLC. A copy of the agreement is included in Appendix A.

**Financial Assignment:**

PB Holdings of Marshfield, LLC  
c/o  
Ruder Ware, L.L.S.C  
500 First Street, Suite 8000  
P.O. Box 8050  
Wausau, WI 54402-8050

**Regulatory Contact:**

Mr. Steve Janowiak  
Wisconsin Department of Natural Resources  
473 Griffith Avenue  
Wisconsin Rapids, WI 54494  
(715) 421-7850

**Consultant and point of contact is as follows:**

Mr. Andrew R. Delforge, P.G.  
REI Engineering, Inc.  
4080 North 20th Avenue  
Wausau, Wisconsin 54401  
(715) 675-9784

### **1.3 Summary of Events**

The following is a summary of events that have taken place at the site:

- August 8, 2000 - Tom Hvizdak of the WDNR submits Responsible Party letter to Kim Marth and Kevin Hutchhausen.
- November 10, 2000 - REI on site to oversee installation of 9 geoprobes around the Former Normington Dry Cleaners building and collect soil and groundwater samples for VOCs.
- December 22, 2000 - REI submits summary report to Tom Hvizdak of the WDNR.
- February 2, 2001 - WDNR responds to summary report and requests that additional soil samples be collected from near the floor drain in the basement of the Former Normington Dry Cleaners building.

- April 10, 2001 – REI on site to install hand auger boring in basement and collect one soil sample for VOCs.
- May 17, 2001 – REI submits summary report to Tom Hvizdak of the WDNR.
- June 27, 2001 – WDNR responds to summary report and requests additional workplan to define the degree and extent of CVOC contamination at the site.
- July 16, 2001 – REI submits workplan to Tom Hvizdak of the WDNR recommending installation of four piezometers around the perimeter of the building.
- July 25, 2002 – REI retained to perform additional investigative work.
- July 31-August 1, 2002 – REI on site to oversee installation of four (4) additional piezometers on and around the Former Normington Dry Cleaners property.
- August 7, 2002 – REI on site to develop and sample the new piezometers (CPZ1-CPZ4), and sample Colonial Standard piezometer PZ1, and DPRA PZ1.
- September 24, 2002 – REI on site to collect the second round of samples from CPZ1-CPZ4, and sample PZ1, and DPRA PZ1.
- October 29, 2002 - *CVOC Phase II Site Investigation Report* submitted by REI.
- December 9, 2002 - REI on site to sample piezometers PZ1, CPZ1, CPZ2, CPZ3, CPZ4, and DPRA PZ1
- December 17, 2002 - WDNR responds to Phase II report, and concurs with conclusions and recommendations.
- February 5, 2003 - REI on site to install piezometer PZ5 on Family Video property, and PZ6 in Lee Street Right of Way.
- February 6, 2003 - REI on site to develop PZ5 and PZ6
- February 12, 2003 - REI on site to sample PZ5 and PZ6 for VOCs.
- April 3, 2003 - REI on site to sample PZ1, DPRA PZ1, CPZ1, CPZ2, CPZ3, CPZ4, CPZ5, and CPZ6
- April 23, 2003 - REI on site to sample Wisconsin Rapids Junior High School Sprinkler Wells (Sprinkler East, Sprinkler West)
- July 2, 2003 – *CVOC Phase II – Additional Site Investigation Report* submitted.
- January 4, 2012 – Robert E. Lee installs four (4) additional geoprobe soil borings on the Normington property

- March 13, 2012 – Robert E. Lee installs one (1) monitoring well (MWWR1), and two (2) piezometers (PZWR2, PZWR3) at the site
- June 13, 2012 – Robert E. Lee collects groundwater samples from the new monitoring well and piezometers, and piezometers installed by REI.
- December 4, 2012 – Robert E. Lee submits *Site Status* report.
- January 23, 2013 – DNR submits letter to Responsible Party Thomas Nelson requiring additional investigation.
- September 4, 2013 – REI retained by Pioneer Bank to complete the investigation at the site.
- September 6, 2013 – REI notifies WDNR of being retained, submits work plan for additional investigation.
- September 10, 2013 – REI on site to collect groundwater samples from piezometer network.
- October 3, 2013 – REI submits results of groundwater sampling, and work plan for additional investigation.
- March 5, 2014 – REI on site to collect groundwater samples from piezometer network.
- June 5, 2014 – REI installs five (5) groundwater profile geoprobes downgradient of the site in an attempt to optimize additional piezometer placement.
- August 1, 2014 – REI submits results of groundwater profile sampling, and work plan for additional piezometer placement and sub-slab vapor sampling.
- October 6, 2014 – REI on site to perform sub-slab vapor sampling in the basement of the Normington (now Allied Health Chiropractic) building, and within the Colonial Standard (now R&R Transmission) buildings.
- October 10, 2014 – *Sub-Slab Vapor Sampling* report submitted.
- November 18, 2014 – DNR requests additional vapor sampling.
- March 11, 2015 – REI submits additional vapor results electronically.
- March 6, 2016 – REI on site to oversee installation of CPZ7, and replacement of CPZ4 (CPZ4r), and MW2 (MW2r).
- April 1, 2016 – REI on site to oversee installation of CPZ8.
- April 28, 2016 - REI on site to oversee development and survey of CPZ7, CPZ7, CPZ4r, and MW2r. Monitoring well/piezometer network sampled.
- May 25, 2016 – REI submits update report and work plan for additional piezometer installation.
- February 21, 2017 – DNR requests additional work plan.
- March 7, 2017 – REI submits *Additional Piezometer Work Plan*.
- June 27, 2017 – REI on site to oversee installation of CPZ9-CPZ11.

- July 5, 2017 – CPZ9, CPZ10, and CPZ11 developed and surveyed. Monitoring well/piezometer network sampled.
- October 26, 2017 – Results of additional piezometer installation and sample results submitted.
- June 21, 2018 – REI on site to oversee installation of CPZ12-CPZ14.
- June 27, 2018 – CPZ12, CPZ13, CPZ14 developed and surveyed. Monitoring well/piezometer network sampled.
- July 13, 2018 – Select piezometers re-sampled
- August 24, 2018 – REI submits summary report and additional piezometer installation work plan, with Technical Assistance fee.
- September 27, 2018 – REI on site to oversee installation of CPZ15-CPZ18.
- October 1, 2018 – CPZ15, CPZ16, CPZ17, CPZ18 developed and sampled.
- November 29, 2018 – REI submits electronic results of additional sampling, proposed additional piezometer locations, and locations of private driven point irrigation wells.
- November 30, 2018 – DNR/REI discussion regarding bedrock piezometer placement and depth.
- February 7, 2019 – REI on site to oversee installation of CPZ19 and CPZ20
- March 14, 2019 – REI on site to oversee installation of deep bedrock piezometer (CPZ5d) using air rotary adjacent to CPZ5
- April 24, 2019 – REI on site to develop and survey CPZ19, CPZ20, CPZ5d. CPZ15-CPZ18 surveyed into the network, piezometer network sampled.
- August 13, 2019 – REI on site to sample piezometer network.

## **2.0 METHOD OF INVESTIGATION**

Soil boring and monitoring well construction, sampling methods and procedures are included in this report as Appendix C. Soil boring logs, well construction and development forms are provided in Appendix D. Geoprobe, monitoring well, and piezometer placement is shown on Figure 2.

### **2.1 Soil**

Investigation of the extent of soil contamination was conducted via a truck mounted geoprobe and hollow stem auger equipped drill rig. The borings were placed to determine the lateral and vertical extents of the CVOC contamination. The maximum depth of sampling was thirty-two (32) feet below land surface (bls), with the maximum

boring depth being seventy-five (75) feet bls. Native soils consist of fine to medium grained sand to approximately twenty-seven (27) feet bls where red clayey sand is present. Granite bedrock, in various stages of weathering, is present at thirty-five (35) feet bls. A cross-section of the site is shown on Figure 3.

Soil samples were screened using a Photoionization Detector (PID) with a 10.6 eV lamp. The results of the screenings are shown on the boring logs for each boring. Methods and procedures for soil sampling are summarized in Appendix C. Soil boring logs and abandonment forms for the geoprobes were included in previous submittals. The area of soil contamination was previously defined to the source property. All of the monitoring well and piezometer boreholes for this phase of the investigation were blind drilled. Soil analytical results from the previous phase of the investigation are summarized on Table 1.

Soil cuttings were containerized and transported for disposal at the Lincoln County Landfill in Merrill, WI. Disposal documentation is included in Appendix E.

## **2.2 Groundwater**

The groundwater elevation has remained consistent throughout the duration of the project, with less than one (1) foot of fluctuation since the investigation began in 2002. Groundwater contamination was investigated by geoprobe temporary monitoring wells, and NR 141 compliant monitoring wells and piezometers.

### **2.2.1 Groundwater Profile Sampling**

Groundwater profile sampling was intended to better define the plume downgradient of the site for optimal piezometer placement. The groundwater profiler was driven to thirty-five (35) feet, the two (2) foot screen was opened, and groundwater was retrieved using a peristaltic pump.

The samples were placed in laboratory provided containers and submitted to a State Certified Laboratory for analysis of Volatile Organic Compounds (VOCs). The highest levels of contamination were detected at groundwater

profile locations GWP3 and GWP4, on the 660 Chestnut Street property. The results of groundwater profile sampling are summarized on Table 2n. Methods and procedures for groundwater sampling are included in Appendix C. The complete laboratory report is in Appendix F.

### **2.2.2 Monitoring Well and Piezometer Sampling**

Select monitoring wells and piezometers were sampled using low-flow technique using disposable tubing and a peristaltic pump through a flow cell with continuous field measurements for temperature, conductivity, dissolved oxygen, pH, and redox potential. Samples were collected when field measurements stabilized. Samples were placed in laboratory provided containers and analyzed for VOCs.

### **2.2.3 Private Driven Point Well Sampling**

The City of Wisconsin Rapids allows residents to install and utilize driven point irrigation wells for lawn sprinklers. The City requires permits, and maintains a database of permitted well locations. Information provided by the City determined that sandpoint wells were present in the vicinity of the plume at eight (8) residences. Letters were sent to each property owner requesting access to sample the sandpoint wells. Requests were sent to:

- 474 Chestnut Street
- 476 Chestnut Street
- 510 Lee Street
- 531 Lee Street
- 911 Lincoln Street
- 941 Lincoln Street
- 1001 Lincoln Street
- 1020 Lincoln Street

REI received a response from the owners of 474 Chestnut Street stating that the well had not been used in the three (3) years that they have owned the property, and it was assumed to not be working.

Mr. Edward Boenski, at 531 Lee Street, provided access to his well, which was sampled on August 13, 2019. This well exceeded the NR 140 ES for PCE and the NR 140 PAL for TCE. Mr. Boenski was unsure of the screen depth of the well.

The remainder of property owners did not respond.

Analytical results for the groundwater sampling are summarized on Tables 2a-2e. Purge water was containerized and transported for disposal at the City of Wausau Wastewater treatment plant. Disposal documentation is included in Appendix E. Additional information regarding site specific groundwater characteristics is presented in later sections of this report.

### **3.0 RESULTS OF INVESTIGATION**

A summary of work performed to date along with a brief discussion is provided in the following sections.

#### **3.1 Regional Geology/Hydrogeology**

The project area lies in the Central Wisconsin River Basin. Local geology at the site consists of unpitted outwash with sand and gravel with some clay and silt (Devaul and Green, 1971). The surface elevation is 1,010 ±10 feet above Mean Sea Level (MSL).

According to Trotta and Cotter (1973) the depth to bedrock is less than 50 feet below land surface (bls). The bedrock is comprised of igneous and metamorphic rocks (Devaul and Green, 1971). In some of the borings, bedrock encountered at the site consisted of a thin layer of shale from approximately 32 to 40 feet below land surface (bls). Competent granite bedrock was encountered at depths of 40 to 53 feet.

##### **3.1.1 Site Geology**

The soils encountered in the soil borings consisted primarily of fine to medium-grained sand. The soil is classified as well-sorted sand with gravel to a maximum depth of 27 feet bls. Red brown clayey sand grading into reddish brown clay was present to a maximum depth of 35 feet. The above described shale layer was

present from 32-40 feet bls closer to the source property. Soil boring logs (WDNR Form 4400-122) are in Appendix B. Boring logs for the geoprobes and previous piezometers (CPZ1-CPZ6) have been submitted in previous reports.

### **3.1.2 Site Hydrogeology**

Depths to groundwater at the site are approximately 15 feet bls (Table 3). The potentiometric surface in the piezometers is similar to the water table. The direction of groundwater flow at depth has remained consistent to the west/southwest, which is consistent with groundwater flow at the water table. Groundwater flow contours for the last two sampling events are shown on Figures 5a and 5b. The average horizontal hydraulic gradient was 0.0065 between PZ4r and CPZ20.

Vertical gradients were not calculated, due to differing formations at depth. Monitoring wells are screened entirely in sand, while the majority of piezometers are screened across the sand/clayey sand interface. Piezometer CPZ5 is screened in weathered granite, while CPZ5d is screened in competent rock. Based on the groundwater elevation in PZ5d during the August 2019 round, the fracture density is significantly lower at depth.

## **3.2 Soil and Vadose Zone Quality**

Minimal soil contamination is present at the site. It is assumed that due to the coarse grained nature of the soil, the majority of contamination leached quickly through the vadose zone to the water table. As previously stated, no soil samples were collected during this phase of the site investigation. The results of soil sampling are included on Table 1. The area of soil contamination is shown on Figure 4.

## **3.3 Groundwater Quality**

The results of groundwater sampling are summarized on Tables 2a-2ae. Laboratory analytical reports are located in Appendix F. Monitoring well information and depths



to water are summarized on Table 3. Groundwater exceeding the NR 140 Enforcement Standard (ES) for Tetrachloroethylene (PCE) and Trichloroethylene (TCE) originates from the source, and has been documented in a plume approximately 2,000 feet long. Reductive dichlorination daughter products cis-1,2 Dichloroethene and trans-1,2 Dichloroethene are present at the edges of the plume above the NR 140 Preventive Action Limit.

Tetrachloroethylene and Trichloroethylene contamination has not been defined vertically. Witter Field sprinkler wells are 200 feet deep, but are only cased to 51 feet bls. Therefore, it is likely that contaminated groundwater may be entering the borehole from more weathered or fractured rock just below the casing. The pumping level of these wells is 34 and 40 feet bls, so they may also be withdrawing shallower groundwater from a cone of depression. Piezometer PZ5 is screened from 47-52 feet bls and contains PCE and TCE above the ES. Piezometer PZ5d is grouted to above the screen at 70-75 feet bls, and has demonstrated contaminant levels approximately 50% of those at PZ5, with a significant reduction in concentration from the April 2019 to August 2019 sampling. Additional sampling at PZ5d may demonstrate vertical definition. Further vertical definition at depth is impractical due to the access issues, and excessive drilling cost.

The estimated extent of groundwater contamination for the last two sampling events is shown on Figures 5a and 5b.

Contaminant trends for the piezometers closest to the source have been plotted versus groundwater elevation and time on Figures 6a and 6b. Contaminant levels have fluctuated without an apparent relationship to groundwater elevation. More consistent sampling data will better determine contaminant trends. Contaminant trends may be influenced by pumping at the Witter Field irrigation wells.

#### **4.0 VAPOR INTRUSION PATHWAY**

Sub-slab vapor ports were installed in the basement of the former Normington Cleaners (now Allied Health Chiropractic) (AVP-1) and in the former Colonial

Standard (now R&R Transmission) (RVP-1) buildings. The sample port locations are shown on Figure 2.

Following port installation, and grout curing, the sample train was connected and checked for leaks using a helium shroud filled with helium gas. The sample line was purged, and the purge air monitored for the presence of helium gas with a Restek Electronic Leak Detector. Samples were collected using 6 liter Summa Cans with a 30 minute flow controller. The samples were submitted to Pace Analytical, of Minneapolis, MN for TO-15 analysis. Methods and procedures for vapor sample collection are summarized in Attachment C.

Samples were collected during non-heating and heating periods, in October 2014, and February 2015. The results of vapor sampling from both buildings contained various levels of VOCs, all of which were below the Action Levels. The results of vapor sampling are summarized on Table 4, with the complete analytical report in Attachment F.

Based on the results of vapor sampling, the vapor intrusion pathway has been addressed.

## **5.0 CONCLUSIONS AND RECOMMENDATIONS**

Based on the data collected, soil contamination is present on the source property, and adjacent R&R Transmission property, both of which are owned by the Responsible Party. Given the coarse grained nature of the soils on site, the majority of the release has leached to the groundwater.

Groundwater contamination exceeding the ES for CVOCs extends off-site, downgradient in a plume estimated to be approximately 2,000 feet long and 750 feet wide. The southern sidegradient extent of the groundwater plume is not fully defined. REI recommends installation of additional sidegradient piezometer, the proposed location for which should be discussed with the WDNR project manager.

Based on daughter compound trends as the plume moves downgradient, reductive dechlorination is occurring at the site. Quarterly sampling of the piezometer network will ensue to demonstrate a stable or reducing contaminant trend and lead the project toward closure.

**Table 1**  
**Soil Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

Date-->	11/10/00	11/10/00	11/10/00	11/10/00	11/10/00	11/10/00	11/10/00	11/10/00	11/10/00	11/10/00	11/10/00	11/10/00	11/10/00	11/10/00	
	Sample-->	GP1	GP1	GP2	GP3	GP4	GP4	GP5	GP6	GP7	GP8	GP8	GP9	GP9	
Sample Depth--(Feet)>	8-10	12-14	12-14	12-14	6-8	12-14	12-14	12-14	12-14	12-14	8-10	12-14	8-10	12-14	
Detected VOC's (ug/kg)	NTEDC	GW													
Benzene	7,410	3	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromobenzene	679,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromodichloromethane	1,960	0.2	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Butylbenzene	108,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
sec-Butylbenzene	145,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	183,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	NS	19	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chlorobenzene	761,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloroethane	NS	113	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloroform	2,130	17	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloromethane	72,000	7.8	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorotoluene	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
4-Chlorotoluene	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dibromo-3-chloropropane	99	0.2	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Dibromochloromethane	4,400	32	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane	230	0.0141	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	376,000	584	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	297,000	576.1	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	17,500	72	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Dichlorodifluoromethane	571,000	1,536.9	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	23,700	241.3	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	3,030	14	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	1,190,000	2.5	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	2,040,000	20.6	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethylene	976,000	29.4	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloropropane	6,620	1.7	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichloropropane	1,490,000	0.1	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
(di)Isopropyl Ether	2,230,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	37,000	785	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Hexachloro(1,3)butadiene	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
p-Isopropyltoluene	162,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Methylene Chloride	72,100	1.3	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Methyl tert-Butyl Ether	293,000	13.5	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	26,000	329.4	36.9	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Propylbenzene	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	3,690	0.0784	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethylene	3,120	2.3	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<b>40.6</b>
Toluene	818,000	553.6	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	151,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	98,700	204	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	640,000	70.1	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	7,340	1.6	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Trichloroethylene	8,810	1.8	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	1,230,000	2,237.4	52.1	<25	29.6	<25	<25	70.3	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	219,000		<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	182,000	689.1	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Vinyl Chloride	2,030	0.069	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Total Xylenes	258,000	1,970	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25

**Notes:**

NTEDC - Not To Exceed Direct Contact Residual Contaminant Level (RCL)

GW - RCL Protective of Groundwater Quality

< - Concentration below listed laboratory detection limit

GW RCL exceedances are bold

**Bold**

NTEDC RCL exceedances are outlined in bold

**Bold**

NS - No Standard

<sup>j</sup> - Estimated Value between detection limit and quantification limit

**Table 1-Continued**  
**Soil Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

	Date-->	4/10/01	7/31/02	7/31/02	7/31/02	7/31/02	9/24/02	1/6/12	1/6/12	1/6/12	1/6/12	3/20/12	3/20/12	3/20/12
	Sample-->	HA-1	CPZ1	CPZ1	CPZ2	CPZ1	CS-1	GP1	GP2	GP3	GP4	MWWR1	MWWR2	MWWR3
	Sample Depth--(Feet)>	0-2	7.5-9.5	15-17	10-12	15-17	0.5-1	12-14	0.5-1	0.5-1	0.5-1	2-4	4-6	6-8
Detected VOC's (ug/kg)	NTEDC	GW												
Benzene	7,410	3	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromobenzene	679,000	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromodichloromethane	1,960	0.2	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
n-Butylbenzene	108,000	NS	<25	<25	<25	<25	<25	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4
sec-Butylbenzene	145,000	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
tert-Butylbenzene	183,000	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Carbon Tetrachloride	NS	19	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Chlorobenzene	761,000	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Chloroethane	NS	113	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Chloroform	2,130	17	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Chloromethane	72,000	7.8	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	NS	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
4-Chlorotoluene	NS	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2-Dibromo-3-chloropropane	99	0.2	<25	<100	<100	<100	<100	<82.3	<82.3	<82.3	<82.3	<82.3	<82.3	<82.3
Dibromochloromethane	4,400	32	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2-Dibromoethane	230	0.0141	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2-Dichlorobenzene	376,000	584	<25	<25	<25	<25	<25	<44.4	<44.4	<44.4	<44.4	<44.4	<44.4	<44.4
1,3-Dichlorobenzene	297,000	576.1	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,4-Dichlorobenzene	17,500	72	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Dichlorodifluoromethane	571,000	1,536.9	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1-Dichloroethane	23,700	241.3	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2-Dichloroethane	3,030	14	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1-Dichloroethene	1,190,000	2.5	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	2,040,000	20.6	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
trans-1,2-Dichloroethylene	976,000	29.4	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2-Dichloropropane	6,620	1.7	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,3-Dichloropropane	1,490,000	0.1	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
2,2-Dichloropropane	NS	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
(di)Isopropyl Ether	2,230,000	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	37,000	785	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Hexachloro(1,3)butadiene	NS	NS	<25	<25	<25	<25	<25	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4
Isopropylbenzene	NS	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
p-Isopropyltoluene	162,000	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methylene Chloride	72,100	1.3	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methyl tert-Butyl Ether	293,000	13.5	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	26,000	329.4	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
n-Propylbenzene	NS	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1,2,2-Tetrachloroethane	3,690	0.0784	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Tetrachloroethylene	3,120	2.3	<b>593</b>	<25	<25	<25	<b>60</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	818,000	553.6	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,3-Trichlorobenzene	151,000	NS	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,4-Trichlorobenzene	98,700	204	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1,1-Trichloroethane	640,000	70.1	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1,2-Trichloroethane	7,340	1.6	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Trichloroethylene	8,810	1.8	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Trichlorofluoromethane	1,230,000	2,237.4	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	219,000		<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	182,000	689.1	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	2,030	0.069	<25	<25	<25	<25	<25	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Total Xylenes	258,000	1,970	<25	<25	<25	<25	<25	<50	<50	<50	<50	<50	<50	<50

**Notes:**

NTEDC - Not To Exceed Direct Contact Residual Contaminant Level (RCL)

GW - RCL Protective of Groundwater Quality

< - Concentration below listed laboratory detection limit

GW RCL exceedances are bold

**Bold**

NTEDC RCL exceedances are outlined in bold

NS - No Standard

<sup>j</sup> - Estimated Value between detection limit and quantification limit

**Table 2a**  
**PZ1 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	PZ1							
	ES	PAL	8/7/02	9/24/02	12/9/02	4/3/03	4/28/16	7/5/17
<b>Detected VOC's (ug/L)</b>								
Benzene	5	0.5	<0.48	<i>0.67</i>	<0.25	<0.41	<0.50	<0.50
Bromobenzene			<0.44	<0.74	<0.74	<0.82	<0.23	<0.23
Bromochloromethane			<0.61	<0.67	<0.67	<0.97	<0.34	<0.34
Bromodichloromethane	0.6	0.06	<0.61	<0.23	<0.23	<0.56	<0.50	<0.50
Bromoform	4.4	0.44	<0.70	<0.45	<0.45	<0.94	<0.50	<0.50
Bromomethane	10	1	<0.71	<0.87	<0.87	<0.91	<2.4	<2.4
n-Butylbenzene			<0.61	<0.65	<0.65	<0.93	<0.50	<0.50
sec-Butylbenzene			<0.49	<0.62	<0.62	<0.89	<2.2	<2.2
tert-Butylbenzene			<0.50	<0.96	<0.96	<0.97	<0.18	<0.18
Carbon Tetrachloride	5	0.5	<0.73	<0.47	<0.47	<0.49	<0.50	<0.50
Chlorobenzene			<0.55	<0.58	<0.58	<0.41	<0.50	<0.50
Chloroethane	400	80	<0.57	<0.84	<0.84	<0.97	<0.37	<0.37
Chloroform	6	0.6	<0.75	<0.45	<0.45	<0.37	<i>4.6j</i>	<i>5.4</i>
Chloromethane	3	3	<0.62	<0.27	<0.27	<0.24	<0.50	<0.50
2-Chlorotoluene			<0.48	<0.66	<0.66	<0.85	<0.50	<0.50
4-Chlorotoluene			<0.72	<0.89	<0.89	<0.74	<0.21	<0.21
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.0	<0.88	<0.88	<0.87	<2.2	<2.2
Dibromochloromethane	60	6	<0.43	<0.84	<0.84	<0.81	<0.50	<0.50
1,2-Dibromoethane	0.05	0.005	<0.91	<0.66	<0.66	<0.56	<0.18	<0.18
Dibromomethane			<0.67	<0.74	<0.74	<0.60	<0.43	<0.43
1,2-Dichlorobenzene	600	60	<0.67	<0.71	<0.71	<0.83	<0.50	<0.50
1,3-Dichlorobenzene	600	120	<0.54	<0.58	<0.58	<0.87	<0.50	<0.50
1,4-Dichlorobenzene	75	15	<0.39	<0.63	<0.63	<0.95	<0.50	<0.50
Dichlorodifluoromethane	1,000	200	<0.68	<0.57	<0.57	<0.99	<0.22	<0.22
1,1-Dichloroethane	850	85	<0.48	<0.87	<0.87	<0.36	<0.24	<0.24
1,2-Dichloroethane	5	0.5	<0.47	<0.55	<0.55	<0.36	<0.17	<0.17
1,1-Dichloroethene	7	0.7	<0.85	<0.56	<0.56	<0.57	<0.41	<0.41
cis-1,2-Dichloroethene	70	7	<0.73	<0.81	<0.81	<0.83	<0.26	<0.26
trans-1,2-Dichloroethylene	100	20	<0.79	<0.80	<0.80	<0.89	<0.26	<0.26
1,2-Dichloropropane	5	0.5	<0.53	<0.39	<0.39	<0.46	<0.23	<0.23
1,3-Dichloropropane			<0.53	<0.62	<0.62	<0.61	<0.50	<0.50
2,2-Dichloropropane			<0.95	<0.99	<0.99	<0.62	<0.48	<0.48
1,1-Dichloropropene			<0.85	<0.79	<0.79	<0.75	<0.44	<0.44
cis-1,3-Dichloropropene	0.4	0.04	<0.56	<0.57	<0.57	<0.19	<0.50	<0.50
trans-1,3-Dichloropropene	0.4	0.04	<0.51	<0.64	<0.64	<0.19	<0.23	<0.23
Diisopropyl ether			<0.60	<0.60	<0.60	<0.76	<0.50	<0.50
Ethylbenzene	700	140	<0.43	3.1	<0.53	1.5	<0.50	<0.50
Hexachloro-1,3-butadiene			<0.84	<0.95	<0.95	<0.67	<2.1	<2.1
Isopropylbenzene			<0.43	<0.66	<0.66	<0.59	<0.14	<0.14
p-Isopropyltoluene			<0.57	<0.58	<0.58	<0.67	<0.50	<0.50
Methylene Chloride	5	0.5	<0.85	<0.47	<0.47	<i>0.84</i>	<0.23	<0.23
Methyl t-Butyl Ether	60	12	<0.67	<0.87	<0.87	<0.61	<0.17	<0.17
Naphthalene	100	10	<0.59	1.3	<0.63	0.80	<2.5	<2.5
n-Propylbenzene			0.73	1.7	<0.95	0.98	<0.50	<0.50
Styrene	100	10	<0.43	<0.62	<0.62	<0.86	<0.50	<0.50
1,1,1,2-Tetrachloroethane	70	7	<0.75	<0.95	<0.95	<0.92	<0.18	<0.18
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.91	<0.77	<0.77	<0.20	<0.25	<0.25
Terachloroethylene	5	0.5	<0.57	<0.63	<0.63	<0.45	<0.50	<0.50
Toluene	800	160	<0.47	4.9	<0.84	4.0	<0.50	<0.50
1,2,3-Trichlorobenzene			<0.57	<0.77	<0.77	<0.74	<2.1	<2.1
1,2,4-Trichlorobenzene	70	14	<0.60	<0.57	<0.57	<0.97	<2.2	<2.2
1,1,1-Trichloroethane	200	40	<0.69	<0.65	<0.65	<0.90	<0.50	<0.50
1,1,2-Trichloroethane	5	0.5	<0.72	<0.50	<0.50	<0.42	<0.20	<0.20
Trichloroethylene	5	0.5	<0.4	<0.39	<0.39	<0.48	<0.33	<0.33
Trichlorofluoromethane	3,490	698	<0.52	<0.85	<0.85	<0.79	<0.18	<0.18
1,2,3-Trichloropropane	60	12	<0.78	<0.92	<0.92	<0.99	<0.50	<0.50
Total Trimethylbenzenes	480	96	2.75	15.8	0.74	7.9	<1.0	<1.0
Vinyl Chloride	0.2	0.02	<0.18	<0.11	<0.11	<0.18	<0.18	<0.18
Total Xylenes	2,000	400	2.95	31.3	<1.83	9.8	<1.5	<1.5

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2b**  
**CPZI Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	CPZI										
	ES	PAL	8/7/02	9/24/02	12/9/02	4/3/03	6/13/12	9/10/13	3/5/14	4/28/16	7/5/17
<b>Detected VOC's (ug/L)</b>											
Benzene	5	0.5	<0.48	<0.25	<0.25	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50
Bromobenzene			<0.44	<0.74	<0.74	<0.82	<0.82	<0.48	<0.48	<0.48	<0.48
Bromochloromethane			<0.61	<0.67	<0.67	<0.97	<0.97	<0.49	<0.49	<0.49	<0.49
Bromodichloromethane	0.6	0.06	<0.61	<0.23	<0.23	<0.56	<0.56	<0.45	<0.45	<0.45	<0.45
Bromoform	4.4	0.44	<0.70	<0.45	<0.45	<0.94	<0.94	<0.33	<0.33	<0.33	<0.33
Bromomethane	10	1	<0.71	<0.87	<0.87	<0.91	<0.91	<0.43	<0.43	<0.43	<0.43
n-Butylbenzene			<0.61	<0.65	<0.65	<0.93	<0.93	<0.40	<0.40	<0.40	<0.40
sec-Butylbenzene			<0.49	<0.62	<0.62	<0.89	<0.89	<0.60	<0.60	<0.60	<0.60
tert-Butylbenzene			<0.50	<0.96	<0.96	<0.97	<0.97	<0.42	<0.42	<0.42	<0.42
Carbon Tetrachloride	5	0.5	<0.73	<0.47	<0.47	<0.49	<0.49	<0.37	<0.37	<0.37	<0.37
Chloroform	6	0.6	<0.75	<0.45	<0.45	<0.37	<1.3	<0.69	<0.69	<0.69	4.3j
Chlorobenzene			<0.55	<0.58	<0.58	<0.41	<0.41	<0.36	<0.36	<0.36	<0.36
Chlorodibromomethane	60	6	<0.43	<0.84	<0.84	<0.81	<0.81	<1.9	<1.9	<1.9	<1.9
Chloroethane	400	80	<0.57	<0.84	<0.84	<0.97	<0.97	<0.44	<0.44	<0.44	<0.44
Chloromethane	3	3	<0.62	<0.27	<0.27	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39
2-Chlorotoluene			<0.48	<0.66	<0.66	<0.85	<0.85	<0.48	<0.48	<0.48	<0.48
4-Chlorotoluene			<0.72	<0.89	<0.89	<0.74	<0.74	<0.48	<0.48	<0.48	<0.48
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.0	<0.88	<0.88	<0.87	<1.7	<1.5	<1.5	<1.5	<1.5
1,2-Dibromoethane	0.05	0.005	<0.91	<0.66	<0.66	<0.56	<0.56	<0.38	<0.38	<0.38	<0.38
Dibromomethane			<0.67	<0.74	<0.74	<0.60	<0.60	<0.48	<0.48	<0.48	<0.48
1,3-Dichlorobenzene	600	120	<0.54	<0.58	<0.58	<0.87	<0.87	<0.45	<0.45	<0.45	<0.45
1,4-Dichlorobenzene	75	15	<0.39	<0.63	<0.63	<0.95	<0.95	<0.43	<0.43	<0.43	<0.43
1,2-Dichloroethane	5	0.5	<0.47	<0.55	<0.55	<0.36	<0.36	<0.48	<0.48	<0.48	<0.48
1,2-Dichlorobenzene	600	60	<0.67	<0.71	<0.71	<0.83	<0.83	<0.44	<0.44	<0.44	<0.44
1,1-Dichloroethene	7	0.7	<0.85	<0.56	<0.56	<0.57	<0.57	<0.43	<0.43	<0.43	<0.43
cis-1,2-Dichloroethene	70	7	<0.73	<0.81	<0.81	<0.83	<0.83	<0.42	<0.42	<0.42	<0.42
Dichlorodifluoromethane	1,000	200	<0.68	<0.57	<0.57	<0.99	<0.99	<0.40	<0.40	<0.40	<0.40
trans-1,2-Dichloroethylene	100	20	<0.79	<0.80	<0.80	<0.89	<0.89	<0.37	<0.37	<0.37	<0.37
1,2-Dichloropropane	5	0.5	<0.53	<0.39	<0.39	<0.46	<0.46	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.48	<0.87	<0.87	<0.36	<0.36	<0.28	<0.28	<0.28	<0.28
1,3-Dichloropropane			<0.53	<0.62	<0.62	<0.61	<0.61	<0.46	<0.46	<0.46	<0.46
2,2-Dichloropropane			<0.95	<0.99	<0.99	<0.62	<0.62	<0.50	<0.50	<0.50	<0.50
1,1-Dichloropropene			<0.85	<0.79	<0.79	<0.75	<0.75	<0.51	<0.51	<0.51	<0.51
cis-1,3-Dichloropropene	0.4	0.04	<0.56	<0.57	<0.57	<0.19	<0.20	<0.29	<0.29	<0.29	<0.29
trans-1,3-Dichloropropene	0.4	0.04	<0.51	<0.64	<0.64	<0.19	<0.19	<0.30	<0.30	<0.30	<0.30
Diisopropyl ether			<0.60	<0.60	<0.60	<0.76	<0.76	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	700	140	<0.43	<0.53	<0.53	<0.54	<0.54	<0.50	<0.50	<0.50	<0.50
Fluorotrichloromethane	3,490	698	<0.52	<0.85	<0.85	<0.79	<0.79	<0.48	<0.48	<0.48	<0.48
Hexachlorobutadiene			<0.84	<0.95	<0.95	<0.67	<0.67	<1.3	<1.3	<1.3	<1.3
Isopropylbenzene			<0.43	<0.66	<0.66	<0.59	<0.59	<0.34	<0.34	<0.34	<0.34
p-Isopropyltoluene			<0.57	<0.58	<0.58	<0.67	<0.67	<0.40	<0.40	<0.40	<0.40
Methylene Chloride	5	0.5	<0.85	<0.47	<0.47	<0.43	<0.43	<0.36	<0.36	<0.36	<0.36
Methyl t-Butyl Ether	60	12	<0.67	<0.87	<0.87	<0.61	<0.61	<0.49	<0.49	<0.49	<0.49
Naphthalene	100	10	<0.59	<0.63	<0.63	<0.74	<0.89	<2.5	<2.5	<2.5	<2.5
n-Propylbenzene			<0.64	<0.95	<0.95	<0.81	<0.81	<0.50	<0.50	<0.50	<0.50
Styrene	100	10	<0.43	<0.62	<0.62	<0.86	<0.86	<0.35	<0.35	<0.35	<0.35
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.91	<0.77	<0.77	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38
1,1,1,2-Tetrachloroethane	70	7	<0.75	<0.95	<0.95	<0.92	<0.92	<0.45	<0.45	<0.45	<0.45
Terachloroethylene	5	0.5	<b>21</b>	<b>5.3</b>	<b>5.0</b>	<b>8.2</b>	<i>0.94j</i>	<0.47	<0.47	<0.47	<0.47
Toluene	800	160	<0.47	<0.84	<0.84	<0.67	<0.67	<0.44	<0.44	<0.44	<0.44
1,2,3-Trichlorobenzene			<0.57	<0.77	<0.77	<0.74	<0.74	<0.77	<0.77	<0.77	<0.77
1,2,4-Trichlorobenzene	70	14	<0.60	<0.57	<0.57	<0.97	<0.97	<2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	200	40	<0.69	<0.65	<0.65	<0.90	<0.90	<0.44	<0.44	<0.44	<0.44
1,1,2-Trichloroethane	5	0.5	<0.72	<0.50	<0.50	<0.42	<0.42	<0.39	<0.39	<0.39	<0.39
Trichloroethylene	5	0.5	<0.4	<0.39	<0.39	<0.48	<0.48	<0.36	<0.36	<0.36	<0.36
1,2,3-Trichloropropane	60	12	<0.78	<0.92	<0.92	<0.99	<0.99	<0.47	<0.47	<0.47	<0.47
Total Trimethylbenzenes	480	96	<1.03	<1.33	<1.33	<1.80	<1.80	<3.07	<3.07	<3.07	<3.07
Vinyl Chloride	0.2	0.02	<0.18	<0.11	<0.11	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Total Xylenes	2,000	400	<1.94	<1.83	<1.83	<2.63	<2.63	<1.32	<1.32	<1.32	<1.32

PAL = Preventative Action Limit

ES = Enforcement Standards

**BOLD**

*Italic*

= Exceeds Enforcement Standard

j = Estimated Concentration Bet = Exceeds Preventative Action Limit

Table 2c  
 DPRA-PZI Groundwater Analytical Results  
 Former Normington Dry Cleaners  
 Wisconsin Rapids, Wisconsin

PARAMETER	DPRA-PZI																
	ES	PAL	10/7/98	1/14/99	5/18/99	7/27/99	4/30/98	7/8/98	10/7/98	1/14/99	5/18/99	7/27/99	8/7/02	9/24/02	12/9/02	4/3/03	
Detected VOC's (ug/L)																	
Benzene	5	0.5	7.8	651	1,230	X	170	36.1	X	27.9	X	X	77	92	24	4.5	
Bromobenzene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.4	<3.7	<7.4	<8.2
Bromochloromethane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.1	<3.4	<6.7	<9.7
Bromodichloromethane	0.6	0.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.1	<1.2	<2.3	<5.6
Bromoforn	4.4	0.44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.0	<2.2	<4.5	<9.4
Bromomethane	10	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.1	<4.3	<8.7	<9.1
n-Butylbenzene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.1	<3.2	<6.5	<9.3
sec-Butylbenzene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.9	<3.1	<6.2	<8.9
tert-Butylbenzene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	<4.8	<9.6	<9.7
Carbon Tetrachloride	5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.3	<2.3	<4.7	<4.9
Chloroform	6	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.5	<2.2	<4.5	<3.7
Chlorobenzene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.5	<2.9	<5.8	<4.1
Chlorodibromomethane	60	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.3	<4.2	<8.4	<8.1
Chloroethane	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.7	<4.2	<8.4	<9.7
Chloromethane	3	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.2	<1.4	<2.7	<2.4
2-Chlorotoluene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.8	<3.3	<6.6	<8.5
4-Chlorotoluene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.2	<4.5	<8.9	<7.4
1,2-Dibromo-3-chloropropane	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10	<4.4	<8.8	<8.7
1,2-Dibromoethane	0.05	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<9.1	<3.3	<6.6	<5.6
Dibromomethane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.7	<3.7	<7.4	<6.0
1,3-Dichlorobenzene	600	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.4	<2.9	<5.8	<8.7
1,4-Dichlorobenzene	75	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.9	<3.1	<6.3	<9.5
1,2-Dichloroethane	5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.7	<2.8	<5.5	<3.6
1,2-Dichlorobenzene	600	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.7	<3.5	<7.1	<8.3
1,1-Dichloroethene	7	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<8.5	<2.8	<5.6	<5.7
cis-1,2-Dichloroethene	70	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.3	<4.0	<8.1	18
Dichlorodifluoromethane	1,000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.8	<2.8	<5.7	<9.9
trans-1,2-Dichloroethylene	100	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.9	<4.0	<8.0	<8.9
1,2-Dichloropropane	5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.3	<1.9	<3.9	<4.6
1,1-Dichloroethane	850	85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.8	<4.3	<8.7	<7.5
1,3-Dichloropropane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.3	<3.1	<6.2	<6.1
2,2-Dichloropropane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<9.5	<5.0	<9.9	<6.2
1,1-Dichloropropene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<8.5	<4.0	<7.9	<7.5
cis-1,3-Dichloropropene	0.4	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.6	<2.8	<5.7	<1.9
trans-1,3-Dichloropropene	0.4	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.1	<3.2	<6.4	<1.9
Diisopropyl ether			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.0	<3.0	<6.0	<7.6
Ethylbenzene	700	140	6.22	1,630	785	672	11.9	X	X	15	X	X	87	37	23	<5.4	
Fluorotrichloromethane	3,490	698	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.2	<4.2	<8.5	<7.9
Hexachlorobutadiene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<8.4	<4.8	<9.5	<6.7
Isopropylbenzene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.4	17	<6.6	<5.9
p-Isopropyltoluene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.7	<2.9	<5.8	<6.7
Methylene Chloride	5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<8.5	<2.3	<4.7	<4.3
Methyl t-Butyl Ether	60	12	27.5	X	X	X	X	X	X	4.08	X	X	X	<6.7	<4.3	<8.7	<6.1
Naphthalene	100	10	2.54	1,560	X	71.3	5.18	X	19.3	15.2	0.777	X	45	88	24	<7.4	
n-Propylbenzene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	37	<9.5	<8.1
Styrene	100	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.3	<3.1	<6.2	<8.6
1,1,2,2-Tetrachloroethane	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<9.1	<3.9	<7.7	<2.0
1,1,1,2-Tetrachloroethane	70	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.5	<4.8	<9.5	<9.2
Tetrachloroethylene	5	0.5	2.88	X	X	X	2,360	1,550	1,770	2,760	2,860	3,520	1,300	620	720	1,000	
Toluene	800	160	80.7	14,900	564	3,920	X	X	X	15.0	X	X	5.2	6.3	<8.4	<6.7	
1,2,3-Trichlorobenzene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.7	<3.9	<7.7	<7.4
1,2,4-Trichlorobenzene	70	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.0	<2.8	<5.7	<9.7
1,1,1-Trichloroethane	200	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.9	<3.2	<6.5	<9.0
1,1,2-Trichloroethane	5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.2	<2.5	<5.0	<4.2
Trichloroethylene	5	0.5	NA	X	NA	X	X	NA	NA	18.6	X	X	18	39	140	160	
1,2,3-Trichloropropane	60	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.8	<4.6	<9.2	<9.9
Total Trimethylbenzenes	480	96	15.65	6,290	451	2,203	4.36	X	X	1.58	X	X	140	272	<13.3	18	
Vinyl Chloride	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<0.55	<1.1	<1.8
Total Xylenes	2,000	400	50.8	13,760	793	3,426	5.8	X	31.2	1.68	X	X	192	176	<18.3	<26.3	

PAL = Preventative Action Limit

ES = Enforcement Standards

**BOLD**

*Italic*

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

X = Concentration less than unlisted detection limit



**Table 2d**  
**CPZ2 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	CPZ2											
	ES	PAL	8/7/02	9/24/02	12/9/02	4/3/03	6/13/12	9/10/13	3/5/14	4/28/16	7/5/17	
<b>Detected VOC's (ug/L)</b>												
Benzene	5	0.5	<0.48	<0.25	<0.25	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50	<0.50
Bromobenzene			<0.44	<0.74	<0.74	<0.82	<0.82	<0.48	<0.48	<0.48	<0.48	<0.48
Bromochloromethane			<0.61	<0.67	<0.67	<0.97	<0.97	<0.49	<0.49	<0.49	<0.49	<0.49
Bromodichloromethane	0.6	0.06	<0.61	<0.23	<0.23	<0.56	<0.56	<0.45	<0.45	<0.45	<0.45	<0.45
Bromoform	4.4	0.44	<0.70	<0.45	<0.45	<0.94	<0.94	<0.33	<0.33	<0.33	<0.33	<0.33
Bromomethane	10	1	<0.71	<0.87	<0.87	<0.91	<0.91	<0.43	<0.43	<0.43	<0.43	<0.43
n-Butylbenzene			<0.61	<0.65	<0.65	<0.93	<0.93	<0.40	<0.40	<0.40	<0.40	<0.40
sec-Butylbenzene			<0.49	<0.62	<0.62	<0.89	<0.89	<0.60	<0.60	<0.60	<0.60	<0.60
tert-Butylbenzene			<0.50	<0.96	<0.96	<0.97	<0.97	<0.42	<0.42	<0.42	<0.42	<0.42
Carbon Tetrachloride	5	0.5	<0.73	<0.47	<0.47	<0.49	<0.49	<0.37	<0.37	<0.37	<0.37	<0.37
Chloroform	6	0.6	<0.75	<0.45	<0.45	<0.37	<1.3	<0.69	<0.69	<0.69	<0.69	<0.69
Chlorobenzene			<0.55	<0.58	<0.58	<0.41	<0.41	<0.36	<0.36	<0.36	<0.36	<0.36
Chlorodibromomethane	60	6	<0.43	<0.84	<0.84	<0.81	<0.81	<1.9	<1.9	<1.9	<1.9	<1.9
Chloroethane	400	80	<0.57	<0.84	<0.84	<0.97	<0.97	<0.44	<0.44	<0.44	<0.44	<0.44
Chloromethane	3	3	<0.62	<0.27	<0.27	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39
2-Chlorotoluene			<0.48	<0.66	<0.66	<0.85	<0.85	<0.48	<0.48	<0.48	<0.48	<0.48
4-Chlorotoluene			<0.72	<0.89	<0.89	<0.74	<0.74	<0.48	<0.48	<0.48	<0.48	<0.48
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.0	<0.88	<0.88	<0.87	<1.7	<1.5	<1.5	<1.5	<1.5	<1.5
1,2-Dibromoethane	0.05	0.005	<0.91	<0.66	<0.66	<0.56	<0.56	<0.38	<0.38	<0.38	<0.38	<0.38
Dibromomethane			<0.67	<0.74	<0.74	<0.60	<0.60	<0.48	<0.48	<0.48	<0.48	<0.48
1,3-Dichlorobenzene	600	120	<0.54	<0.58	<0.58	<0.87	<0.87	<0.45	<0.45	<0.45	<0.45	<0.45
1,4-Dichlorobenzene	75	15	<0.39	<0.63	<0.63	<0.95	<0.95	<0.43	<0.43	<0.43	<0.43	<0.43
1,2-Dichloroethane	5	0.5	<0.47	<0.55	<0.55	<0.36	<0.36	<0.48	<0.48	<0.48	<0.48	<0.48
1,2-Dichlorobenzene	600	60	<0.67	<0.71	<0.71	<0.83	<0.83	<0.44	<0.44	<0.44	<0.44	<0.44
1,1-Dichloroethene	7	0.7	<0.85	<0.56	<0.56	<0.57	<0.57	<0.43	<0.43	<0.43	<0.43	<0.43
cis-1,2-Dichloroethene	70	7	<0.73	<0.81	<0.81	<0.83	<0.83	<0.42	<0.42	<0.42	<0.42	<0.42
Dichlorodifluoromethane	1,000	200	<0.68	<0.57	<0.57	<0.99	<0.99	<0.40	<0.40	<0.40	<0.40	<0.40
trans-1,2-Dichloroethylene	100	20	<0.79	<0.80	<0.80	<0.89	<0.89	<0.37	<0.37	<0.37	<0.37	<0.37
1,2-Dichloropropane	5	0.5	<0.53	<0.39	<0.39	<0.46	<0.49	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.48	<0.87	<0.87	<0.36	<0.75	<0.28	<0.28	<0.28	<0.28	<0.28
1,3-Dichloropropane			<0.53	<0.62	<0.62	<0.61	<0.61	<0.46	<0.46	<0.46	<0.46	<0.46
2,2-Dichloropropane			<0.95	<0.99	<0.99	<0.62	<0.62	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloropropene			<0.85	<0.79	<0.79	<0.75	<0.75	<0.51	<0.51	<0.51	<0.51	<0.51
cis-1,3-Dichloropropene	0.4	0.04	<0.56	<0.57	<0.57	<0.19	<0.20	<0.29	<0.29	<0.29	<0.29	<0.29
trans-1,3-Dichloropropene	0.4	0.04	<0.51	<0.64	<0.64	<0.19	<0.19	<0.30	<0.30	<0.30	<0.30	<0.30
Diisopropyl ether			<0.60	<0.60	<0.60	<0.76	<0.76	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	700	140	<0.43	<0.53	<0.53	<0.54	<0.54	<0.50	<0.50	<0.50	<0.50	<0.50
Fluorotrichloromethane	3,490	698	<0.52	<0.85	<0.85	<0.79	<0.79	<0.48	<0.48	<0.48	<0.48	<0.48
Hexachlorobutadiene			<0.84	<0.95	<0.95	<0.67	<0.67	<1.3	<1.3	<1.3	<1.3	<1.3
Isopropylbenzene			<0.43	<0.66	<0.66	<0.59	<0.59	<0.34	<0.34	<0.34	<0.34	<0.34
p-Isopropyltoluene			<0.57	<0.58	<0.58	<0.67	<0.67	<0.40	<0.40	<0.40	<0.40	<0.40
Methylene Chloride	5	0.5	<0.85	<0.47	<0.47	<i>1.1</i>	<0.43	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl t-Butyl Ether	60	12	<0.67	<0.87	<0.87	<0.61	<0.61	<0.49	<0.49	<0.49	<0.49	<0.49
Naphthalene	100	10	<0.59	<0.63	<0.63	<0.74	<0.89	<2.5	<2.5	<2.5	<2.5	<2.5
n-Propylbenzene			<0.64	<0.95	<0.95	<0.81	<0.81	<0.50	<0.50	<0.50	<0.50	<0.50
Styrene	100	10	<0.43	<0.62	<0.62	<0.86	<0.86	<0.35	<0.35	<0.35	<0.35	<0.35
1,1,1,2-Tetrachloroethane	0.2	0.02	<0.91	<0.77	<0.77	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,1,2-Tetrachloroethane	70	7	<0.75	<0.95	<0.95	<0.92	<0.92	<0.45	<0.45	<0.45	<0.45	<0.45
Tetrachloroethylene	5	0.5	<0.57	<0.63	<0.63	<0.45	<0.45	<0.47	<0.47	<0.47	<0.47	<0.47
Toluene	800	160	<0.47	<0.84	<0.84	<0.67	<0.67	<0.44	<0.44	<0.44	<0.44	<0.44
1,2,3-Trichlorobenzene			<0.57	<0.77	<0.77	<0.74	<0.74	<0.77	<0.77	<0.77	<0.77	<0.77
1,2,4-Trichlorobenzene	70	14	<0.60	<0.57	<0.57	<0.97	<0.97	<2.5	<2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	200	40	<0.69	<0.65	<0.65	<0.90	<0.90	<0.44	<0.44	<0.44	<0.44	<0.44
1,1,2-Trichloroethane	5	0.5	<0.72	<0.50	<0.50	<0.42	<0.42	<0.39	<0.39	<0.39	<0.39	<0.39
Trichloroethylene	5	0.5	<0.4	<0.39	<0.39	<0.48	<0.48	<0.36	<0.36	<0.36	<0.36	<0.36
1,2,3-Trichloropropane	60	12	<0.78	<0.92	<0.92	<0.99	<0.99	<0.47	<0.47	<0.47	<0.47	<0.47
Total Trimethylbenzenes	480	96	<1.03	<1.33	<1.33	<1.80	<1.80	<3.07	<3.07	<3.07	<3.07	<3.07
Vinyl Chloride	0.2	0.02	<0.18	<0.11	<0.11	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Total Xylenes	2,000	400	<1.94	<1.83	<1.83	<2.63	<2.63	<1.32	<1.32	<1.32	<1.32	<1.32

PAL = Preventative Action Limit  
ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2e**  
**CPZ3 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ3									
			8/7/02	9/24/02	12/9/02	4/3/03	6/13/12	9/10/13	3/5/14	4/28/16	7/5/17	
<b>Detected VOC's (ug/L)</b>												
Benzene	5	0.5	<0.48	<0.25	<0.25	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50	<0.50
Bromobenzene			<0.44	<0.74	<0.74	<0.82	<0.82	<0.48	<0.23	<0.23	<0.23	<0.23
Bromochloromethane			<0.61	<0.67	<0.67	<0.97	<0.97	<0.49	<0.34	<0.34	<0.34	<0.34
Bromodichloromethane	0.6	0.06	<0.61	<0.23	<0.23	<0.56	<0.56	<0.45	<0.50	<0.50	<0.50	<0.50
Bromoform	4.4	0.44	<0.70	<0.45	<0.45	<0.94	<0.94	<0.33	<0.50	<0.50	<0.50	<0.50
Bromomethane	10	1	<0.71	<0.87	<0.87	<0.91	<0.91	<0.43	<2.4	<2.4	<2.4	<2.4
n-Butylbenzene			<0.61	<0.65	<0.65	<0.93	<0.93	<0.40	<0.50	<0.50	<0.50	<0.50
sec-Butylbenzene			<0.49	<0.62	<0.62	<0.89	<0.89	<0.60	<2.2	<2.2	<2.2	<2.2
tert-Butylbenzene			<0.50	<0.96	<0.96	<0.97	<0.97	<0.42	<0.18	<0.18	<0.18	<0.18
Carbon Tetrachloride	5	0.5	<0.73	<0.47	<0.47	<0.49	<0.49	<0.37	<0.50	<0.50	<0.50	<0.50
Chlorobenzene			<0.55	<0.58	<0.58	<0.41	<0.41	<0.36	<0.50	<0.50	<0.50	<0.50
Chloroethane	400	80	<0.57	<0.84	<0.84	<0.97	<0.97	<0.44	<0.37	<0.37	<0.37	<0.37
Chloroform	6	0.6	<0.75	<0.45	<0.45	<0.37	<1.3	<0.69	<2.5	<2.5	<2.5	<2.5
Chloromethane	3	3	<0.62	<0.27	<0.27	<0.24	<0.24	<0.39	<0.50	<0.50	0.66j	<0.50
2-Chlorotoluene			<0.48	<0.66	<0.66	<0.85	<0.85	<0.48	<0.50	<0.50	<0.50	<0.50
4-Chlorotoluene			<0.72	<0.89	<0.89	<0.74	<0.74	<0.48	<0.21	<0.21	<0.21	<0.21
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.0	<0.88	<0.88	<0.87	<1.7	<1.5	<2.2	<2.2	<2.2	<2.2
Dibromochloromethane	60	6	<0.43	<0.84	<0.84	<0.81	<0.81	<1.9	<0.50	<0.50	<0.50	<0.50
1,2-Dibromoethane	0.05	0.005	<0.91	<0.66	<0.66	<0.56	<0.56	<0.38	<0.18	<0.18	<0.18	<0.18
Dibromomethane			<0.67	<0.74	<0.74	<0.60	<0.60	<0.48	<0.43	<0.43	<0.43	<0.43
1,2-Dichlorobenzene	600	60	<0.67	<0.71	<0.71	<0.83	<0.83	<0.44	<0.50	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	600	120	<0.54	<0.58	<0.58	<0.87	<0.87	<0.45	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	75	15	<0.39	<0.63	<0.63	<0.95	<0.95	<0.43	<0.50	<0.50	<0.50	<0.50
Dichlorodifluoromethane	1,000	200	<0.68	<0.57	<0.57	<0.99	<0.99	<0.40	<0.22	<0.22	<0.22	<0.22
1,1-Dichloroethane	850	85	<0.48	<0.87	<0.87	<0.36	<0.75	<0.28	<0.24	<0.24	<0.24	<0.24
1,2-Dichloroethane	5	0.5	<0.47	<0.55	<0.55	<0.36	<0.36	<0.48	<0.17	<0.17	<0.17	<0.17
1,1-Dichloroethene	7	0.7	<0.85	<0.56	<0.56	<0.57	<0.57	<0.43	<0.41	<0.41	<0.41	<0.41
cis-1,2-Dichloroethene	70	7	<0.73	<0.81	<0.81	<0.83	<0.83	<0.42	<0.26	<0.26	<0.26	<0.26
trans-1,2-Dichloroethylene	100	20	<0.79	<0.80	<0.80	<0.89	<0.89	<0.37	<0.26	<0.26	<0.26	<0.26
1,2-Dichloropropane	5	0.5	<0.53	<0.39	<0.39	<0.46	<0.49	<0.50	<0.23	<0.23	<0.23	<0.23
1,3-Dichloropropane			<0.53	<0.62	<0.62	<0.61	<0.61	<0.46	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane			<0.95	<0.99	<0.99	<0.62	<0.62	<0.50	<0.48	<0.48	<0.48	<0.48
1,1-Dichloropropene			<0.85	<0.79	<0.79	<0.75	<0.75	<0.51	<0.44	<0.44	<0.44	<0.44
cis-1,3-Dichloropropene	0.4	0.04	<0.56	<0.57	<0.57	<0.19	<0.20	<0.29	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	0.4	0.04	<0.51	<0.64	<0.64	<0.19	<0.19	<0.30	<0.23	<0.23	<0.23	<0.23
Diisopropyl ether			<0.60	<0.60	<0.60	<0.76	<0.76	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	700	140	<0.43	<0.53	<0.53	<0.54	<0.54	<0.50	<0.50	<0.50	<0.50	<0.50
Hexachlorobutadiene			<0.84	<0.95	<0.95	<0.67	<0.67	<1.3	<2.1	<2.1	<2.1	<2.1
Isopropylbenzene			<0.43	<0.66	<0.66	<0.59	<0.59	<0.34	<0.14	<0.14	<0.14	<0.14
p-Isopropyltoluene			<0.57	<0.58	<0.58	<0.67	<0.67	<0.40	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	5	0.5	<0.85	<0.47	<0.47	<i>1.1</i>	<0.43	<0.36	<0.23	<0.23	<0.23	<0.23
Methyl t-Butyl Ether	60	12	<0.67	<0.87	<0.87	<0.61	<0.61	<0.49	<0.17	<0.17	<0.17	<0.17
Naphthalene	100	10	<0.59	<0.63	<0.63	<0.74	<0.89	<2.5	<2.5	<2.5	<2.5	<2.5
n-Propylbenzene			<0.64	<0.95	<0.95	<0.81	<0.81	<0.50	<0.50	<0.50	<0.50	<0.50
Styrene	100	10	<0.43	<0.62	<0.62	<0.86	<0.86	<0.35	<0.50	<0.50	<0.50	<0.50
1,1,1,2-Tetrachloroethane	70	7	<0.75	<0.95	<0.95	<0.92	<0.92	<0.45	<0.18	<0.18	<0.18	<0.18
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.91	<0.77	<0.77	<0.20	<0.20	<0.38	<0.25	<0.25	<0.25	<0.25
Terachloroethylene	5	0.5	<0.57	<0.63	<0.63	<0.45	<0.45	<0.47	<0.50	<0.50	<0.50	<0.50
Toluene	800	160	<0.47	<0.84	<0.84	<0.67	<0.67	<0.44	<0.50	<0.50	<0.50	<0.50
1,2,3-Trichlorobenzene			<0.57	<0.77	<0.77	<0.74	<0.74	<0.77	<2.1	<2.1	<2.1	<2.1
1,2,4-Trichlorobenzene	70	14	<0.60	<0.57	<0.57	<0.97	<0.97	<2.5	<2.2	<2.2	<2.2	<2.2
1,1,1-Trichloroethane	200	40	<0.69	<0.65	<0.65	<0.90	<0.90	<0.44	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	5	0.5	<0.72	<0.50	<0.50	<0.42	<0.42	<0.39	<0.20	<0.20	<0.20	<0.20
Trichloroethylene	5	0.5	<0.4	<0.39	<0.39	<0.48	<0.48	<0.36	<0.33	<0.33	<0.33	<0.33
Trichlorofluoromethane	3,490	698	<0.52	<0.85	<0.85	<0.79	<0.79	<0.48	<0.18	<0.18	<0.18	<0.18
1,2,3-Trichloropropane	60	12	<0.78	<0.92	<0.92	<0.99	<0.99	<0.47	<0.50	<0.50	<0.50	<0.50
Total Trimethylbenzenes	480	96	<1.03	<1.33	<1.33	<1.80	<1.80	<3.07	<1	<1	<1	<1
Vinyl Chloride	0.2	0.02	<0.18	<0.11	<0.11	<0.18	<0.18	<0.18	<0.15	<0.15	<0.15	<0.15
Total Xylenes	2,000	400	<1.94	<1.83	<1.83	<2.63	<2.63	<1.32	<1.5	<1.5	<1.5	<1.5

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2f**  
**CPZ4 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ4				CPZ4r				
			8/7/02	9/24/02	12/9/02	4/3/03	4/28/16	7/5/17	6/27/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>											
Benzene	5	0.5	<0.48	<1.2	<1.2	<0.41	<0.50	<0.50	<0.50	<0.25	<0.25
Bromobenzene			<0.44	<3.7	<3.7	<0.82	<0.23	<0.23	<0.23	<0.24	<0.24
Bromochloromethane			<0.61	<3.4	<3.4	<0.97	<0.34	<0.34	<0.34	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.61	<1.2	<1.2	<0.56	<0.50	<0.50	<b>4.1</b>	<b>4.2</b>	<b>3.7</b>
Bromoform	4.4	0.44	<0.70	<2.2	<2.2	<0.94	<0.50	<0.50	<0.50	<4.0	<4.0
Bromomethane	10	1	<0.71	<4.3	<4.3	<0.91	<2.4	<2.4	<2.4	<0.97	<0.97
n-Butylbenzene			<0.61	<3.2	<3.2	<0.93	<0.50	<0.50	<0.50	<0.71	<0.71
sec-Butylbenzene			<0.49	<3.1	<3.1	<0.89	<2.2	<2.2	<2.2	<0.85	<0.85
tert-Butylbenzene			<0.50	<4.8	<4.8	<0.97	<0.18	<0.18	<0.18	<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.73	<2.3	<2.3	<0.49	<0.50	<0.50	<0.50	<0.17	<0.17
Chlorobenzene			<0.55	<2.9	<2.9	<0.41	<0.50	<0.50	<0.50	<0.71	<0.71
Chloroethane	400	80	<0.57	<4.2	<4.2	<0.97	<0.37	<0.37	<0.37	<1.3	<1.3
Chloroform	6	0.6	<i>1.5</i>	<2.2	<2.2	<0.37	<b>7.6</b>	<i>2.8j</i>	<b>44.1</b>	<b>37.9</b>	<b>48.9</b>
Chloromethane	3	3	<0.62	<1.4	<1.4	<0.24	<0.50	<0.50	<0.50	<21.2	<21.2
2-Chlorotoluene			<0.48	<3.3	<3.3	<0.85	<0.50	<0.50	<0.50	<0.93	<0.93
4-Chlorotoluene			<0.72	<4.5	<4.5	<0.74	<0.21	<0.21	<0.21	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.0	<4.4	<4.4	<0.87	<2.2	<2.2	<2.2	<1.8	<1.8
Dibromochloromethane	60	6	<0.43	<4.2	<4.2	<0.81	<0.50	<0.50	0.50j	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.91	<3.3	<3.3	<0.56	<0.18	<0.18	<0.18	<0.83	<0.83
Dibromomethane			<0.67	<3.7	<3.7	<0.60	<0.43	<0.43	<0.43	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.67	<3.5	<3.5	<0.83	<0.50	<0.50	<0.50	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.54	<2.9	<2.9	<0.87	<0.50	<0.50	<0.50	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.39	<3.1	<3.1	<0.95	<0.50	<0.50	<0.50	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.68	<2.8	<2.8	<0.99	<0.22	<0.22	<0.22	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.48	<4.3	<4.3	<0.36	<0.24	<0.24	<0.24	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.47	<2.8	<2.8	<0.36	<0.17	<0.17	<0.17	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.85	<2.8	<2.8	<0.57	<0.41	<0.41	<0.41	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<0.73	<4.0	<4.0	<0.83	<0.26	<0.26	<0.26	<0.27	<0.27
trans-1,2-Dichloroethylene	100	20	<0.79	<4.0	<4.0	<0.89	<0.26	<0.26	<0.26	<1.1	<1.1
1,2-Dichloropropane	5	0.5	<0.53	<1.9	<1.9	<0.46	<0.23	<0.23	<0.23	<0.28	<0.28
1,3-Dichloropropane			<0.53	<3.1	<3.1	<0.61	<0.50	<0.50	<0.50	<0.83	<0.83
2,2-Dichloropropane			<0.95	<5.0	<5.0	<0.62	<0.48	<0.48	<0.48	<2.3	<2.3
1,1-Dichloropropene			<0.85	<4.0	<4.0	<0.75	<0.44	<0.44	<0.44	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<0.56	<2.8	<2.8	<0.19	<0.50	<0.50	<0.50	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<0.51	<3.2	<3.2	<0.19	<0.23	<0.23	<0.23	<4.4	<4.4
Diisopropyl ether			<0.60	<3.0	<3.0	<0.76	<0.50	<0.50	<0.50	<1.9	<1.9
Ethylbenzene	700	140	<0.43	<2.6	<2.6	<0.54	<0.50	<0.50	<0.50	<0.22	<0.22
Hexachloro-1,3-butadiene			<0.84	<4.8	<4.8	<0.67	<2.1	<2.1	<2.1	<1.2	<1.2
Isopropylbenzene			<0.43	<3.3	<3.3	<0.59	<0.14	<0.14	<0.14	<0.39	<0.39
p-Isopropyltoluene			<0.57	<2.9	<2.9	<0.67	<0.50	<0.50	<0.50	<0.80	<0.80
Methylene Chloride	5	0.5	<0.85	<2.3	<2.3	<i>1.1</i>	<0.23	<0.23	<0.23	<0.58	<0.58
Methyl t-Butyl Ether	60	12	<0.67	<4.3	<4.3	<0.61	<0.17	<0.17	<0.17	<1.2	<1.2
Naphthalene	100	10	<0.59	<3.1	<3.1	<0.74	<2.5	<2.5	<2.5	<1.2	<1.2
n-Propylbenzene			<0.64	<4.8	<4.8	<0.81	<0.50	<0.50	<0.50	<0.81	<0.81
Styrene	100	10	<0.43	<3.1	<3.1	<0.86	<0.50	<0.50	<0.50	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.75	<4.8	<4.8	<0.92	<0.18	<0.18	<0.18	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.91	<3.9	<3.9	<0.20	<0.25	<0.25	<0.25	<0.28	<0.28
Tetrachloroethylene	5	0.5	<b>39</b>	<b>350</b>	<b>400</b>	<b>25</b>	<b>75.2</b>	<0.50	<b>19.1</b>	<b>21.2</b>	<b>89.6</b>
Toluene	800	160	<0.47	<4.2	<4.2	<0.67	<0.50	<0.50	<0.50	<0.17	<0.17
1,2,3-Trichlorobenzene			<0.57	<3.9	<3.9	<0.74	<2.1	<2.1	<2.1	<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<0.60	<2.8	<2.8	<0.97	<2.2	<2.2	<2.2	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.69	<3.2	<3.2	<0.90	<0.50	<0.50	<0.50	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<i>0.86</i>	<2.5	<2.5	<0.42	<0.20	<0.20	<0.20	<0.55	<0.55
Trichloroethylene	5	0.5	<0.4	<1.9	<1.9	<0.48	<i>0.60j</i>	<0.33	0.47j	0.48j	<0.26
Trichlorofluoromethane	3,490	698	<0.52	<4.2	<4.2	<0.79	<0.18	<0.18	<0.18	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.78	<4.6	<4.6	<0.99	<0.50	<0.50	<0.50	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1.03	<6.6	<6.6	<1.80	<1	<1	<1	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.18	<0.55	<0.55	<0.18	<0.18	<0.18	<0.18	<0.17	<0.17
Total Xylenes	2,000	400	<1.94	<9.1	<9.1	<2.63	<1.5	<1.5	<1.5	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2g**  
**CPZ5 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	CPZ5												
	ES	PAL	2/12/03	4/3/03	6/13/12	9/10/13	3/5/14	4/28/16	7/5/17	6/27/18	4/24/19	8/13/19	
<b>Detected VOC's (ug/L)</b>													
Benzene	5	0.5	2.3	<1.0	<0.41	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	
Bromobenzene			<1.8	<2.0	<0.82	<0.48	<0.48	<0.23	<0.23	<0.23	<0.24	<0.24	
Bromochloromethane			<1.7	<2.4	<0.97	<0.49	<0.49	<0.34	<0.34	<0.34	<0.36	<0.36	
Bromodichloromethane	0.6	0.06	<0.58	<1.4	<0.56	<0.45	<0.45	<0.50	<0.50	<0.50	<0.36	<0.36	
Bromoform	4.4	0.44	<1.1	<2.4	<0.94	<0.33	<0.33	<0.50	<0.50	<0.50	<4.0	<4.0	
Bromomethane	10	1	<2.2	<2.3	<0.91	<0.43	<0.43	<2.4	<2.4	<2.4	<0.97	<0.97	
n-Butylbenzene			<1.6	<2.3	<0.93	<0.40	<0.40	<0.50	<0.50	<0.50	<0.71	<0.71	
sec-Butylbenzene			<1.6	<2.2	<0.89	<0.60	<0.60	<2.2	<2.2	<2.2	<0.85	<0.85	
tert-Butylbenzene			<2.4	<2.4	<0.97	<0.42	<0.42	<0.18	<0.18	<0.18	<0.30	<0.30	
Carbon Tetrachloride	5	0.5	<1.2	<1.2	<0.49	<0.37	<0.37	<0.50	<0.50	<0.50	<0.174	<0.174	
Chlorobenzene			<1.4	<1.0	<0.41	<0.36	<0.36	<0.50	<0.50	<0.50	<0.71	<0.71	
Chloroethane	400	80	<2.1	<2.4	<0.97	<0.44	<0.44	<0.37	<0.37	<0.37	<1.3	<1.3	
Chloroform	6	0.6	<1.1	<0.92	<1.3	<0.69	<0.69	<2.5	<2.5	<2.5	<1.3	<1.3	
Chloromethane	3	3	<0.68	<0.60	<0.24	<0.39	<0.39	<0.50	<0.50	<0.50	<2.2	<2.2	
2-Chlorotoluene			<1.6	<2.1	<0.85	<0.48	<0.48	<0.50	<0.50	<0.50	<0.93	<0.93	
4-Chlorotoluene			<2.2	<1.8	<0.74	<0.48	<0.48	<0.21	<0.21	<0.21	<0.76	<0.76	
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<2.2	<1.7	<1.5	<1.5	<2.2	<2.2	<2.2	<1.8	<1.8	
Dibromochloromethane	60	6	<2.1	<2.0	<0.81	<1.9	<1.9	<0.50	<0.50	<0.50	<2.6	<2.6	
1,2-Dibromoethane	0.05	0.005	<1.6	<1.4	<0.56	<0.38	<0.38	<0.18	<0.18	<0.18	<0.83	<0.83	
Dibromomethane			<1.8	<1.5	<0.60	<0.48	<0.48	<0.43	<0.43	<0.43	<0.94	<0.94	
1,2-Dichlorobenzene	600	60	<1.8	<2.1	<0.83	<0.44	<0.44	<0.50	<0.50	<0.50	<0.71	<0.71	
1,3-Dichlorobenzene	600	120	<1.4	<2.2	<0.87	<0.45	<0.45	<0.50	<0.50	<0.50	<0.63	<0.63	
1,4-Dichlorobenzene	75	15	<1.6	<2.4	<0.95	<0.43	<0.43	<0.50	<0.50	<0.50	<0.94	<0.94	
Dichlorodifluoromethane	1,000	200	<1.4	<2.5	<0.99	<0.40	<0.40	<0.22	<0.22	<0.22	<0.50	<0.50	
1,1-Dichloroethane	850	85	<2.2	<1.9	<0.75	<0.28	<0.28	<0.24	<0.24	<0.24	<0.27	<0.27	
1,2-Dichloroethane	5	0.5	<1.4	<0.90	<0.36	<0.48	<0.48	<0.17	<0.17	<0.17	<0.28	<0.28	
1,1-Dichloroethene	7	0.7	<1.4	<1.4	<0.57	<0.43	<0.43	<0.41	<0.41	<0.41	<0.24	<0.24	
cis-1,2-Dichloroethene	70	7	<2.0	<2.1	<0.83	0.78j	<0.29	0.35j	1.1	0.64j	0.58j	0.63j	
trans-1,2-Dichloroethylene	100	20	<2.0	<2.2	<0.89	0.80j	0.80j	<0.26	1.4	0.49j	<1.1	<1.1	
1,2-Dichloropropane	5	0.5	<0.98	<1.2	<0.49	<0.50	<0.50	<0.23	<0.23	<0.23	<0.28	<0.28	
1,3-Dichloropropane			<1.6	<1.5	<0.61	<0.46	<0.46	<0.50	<0.50	<0.50	<0.83	<0.83	
2,2-Dichloropropane			<2.5	<1.6	<0.62	<0.50	<0.50	<0.48	<0.48	<0.48	<2.3	<2.3	
1,1-Dichloropropene			<2.0	<1.9	<0.75	<0.51	<0.51	<0.44	<0.44	<0.44	<0.54	<0.54	
cis-1,3-Dichloropropene	0.4	0.04	<1.4	<0.48	<0.20	<0.29	<0.29	<0.50	<0.50	<0.50	<3.6	<3.6	
trans-1,3-Dichloropropene	0.4	0.04	<1.6	<0.48	<0.19	<0.30	<0.30	<0.23	<0.23	<0.23	<4.4	<4.4	
Diisopropyl ether			<1.5	<1.9	<0.76	<0.50	<0.50	<0.50	<0.50	<0.50	<1.9	<1.9	
Ethylbenzene	700	140	<1.3	<1.4	<0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.22	<0.22	
Hexachloro-1,3-butadiene			<2.4	<1.7	<0.67	<1.3	<1.3	<2.1	<2.1	<2.1	<1.2	<1.2	
Isopropylbenzene			<1.6	<1.5	<0.59	<0.34	<0.34	<0.14	<0.14	<0.14	<0.39	<0.39	
p-Isopropyltoluene			<1.4	<1.7	<0.67	<0.40	<0.40	<0.50	<0.50	<0.50	<0.80	<0.80	
Methylene Chloride	5	0.5	<1.2	<1.1	<0.43	<0.36	<0.36	<0.23	<0.23	<0.23	<0.58	<0.58	
Methyl t-Butyl Ether	60	12	<2.2	<1.5	<0.61	<0.49	<0.49	<0.17	<0.17	<0.17	<1.2	<1.2	
Naphthalene	100	10	<1.6	<1.8	<0.89	<2.5	<2.5	<2.5	<2.5	<2.5	<1.2	<1.2	
n-Propylbenzene			<2.4	<2.0	<0.81	<0.50	<0.50	<0.50	<0.50	<0.50	<0.81	<0.81	
Styrene	100	10	<1.6	<2.2	<0.86	<0.35	<0.35	<0.50	<0.50	<0.50	<0.47	<0.47	
1,1,1,2-Tetrachloroethane	70	7	<2.4	<2.3	<0.92	<0.45	<0.45	<0.18	<0.18	<0.18	<0.27	<0.27	
1,1,2,2-Tetrachloroethane	0.2	0.02	<1.9	<0.50	<0.20	<0.38	<0.38	<0.25	<0.25	<0.25	<0.28	<0.28	
Tetrachloroethylene	5	0.5	<b>470</b>	<b>400</b>	<b>95.7</b>	<i>0.57j</i>	<b>31.9</b>	<b>32.0</b>	<b>93.5</b>	<b>116.0</b>	<b>120</b>	<b>101</b>	
Toluene	800	160	<2.1	<1.7	<0.67	<0.44	<0.44	<0.50	<0.50	<0.50	<0.17	<0.17	
1,2,3-Trichlorobenzene			<1.9	<1.8	<0.74	<0.77	<0.77	<2.1	<2.1	<2.1	<0.63	<0.63	
1,2,4-Trichlorobenzene	70	14	<1.4	<2.4	<0.97	<2.5	<2.5	<2.2	<2.2	<2.2	<0.95	<0.95	
1,1,1-Trichloroethane	200	40	<1.6	<2.2	<0.90	<0.44	<0.44	<0.50	<0.50	<0.50	<0.24	<0.24	
1,1,2-Trichloroethane	5	0.5	<1.0	<0.42	<0.39	<0.39	<0.39	<0.20	<0.20	<0.20	<0.55	<0.55	
Trichloroethylene	5	0.5	<b>22</b>	<b>9.6</b>	<b>46.1</b>	<b>57.9</b>	<b>21.7</b>	<b>24.4</b>	<b>60.4</b>	<b>49.8</b>	<b>41.1</b>	<b>38.4</b>	
Trichlorofluoromethane	3,490	698	<2.1	<2.0	<0.79	<0.48	<0.48	<0.18	<0.18	<0.18	<0.21	<0.21	
1,2,3-Trichloropropane	60	12	<2.3	<2.5	<0.99	<0.47	<0.47	<0.50	<0.50	<0.50	<0.59	<0.59	
Total Trimethylbenzenes	480	96	<3.3	<4.5	<1.80	<3.07	<3.07	<1.0	<1.0	<1.0	<1.71	<1.71	
Vinyl Chloride	0.2	0.02	<0.28	<0.46	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.17	<0.17	
Total Xylenes	2,000	400	<4.6	<6.6	<2.63	<1.32	<1.32	<1.5	<1.5	<1.5	<0.73	<0.73	

PAL = Preventative Action Limit

ES = Enforcement Standards

**BOLD**

*Italic*

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2h**  
**CPZ6 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	CPZ6									
	ES	PAL	2/12/03	4/3/03	6/13/12	9/10/13	3/5/14	4/28/16	7/5/17	6/27/18
<b>Detected VOC's (ug/L)</b>										
Benzene	5	0.5	<0.62	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50	<0.50
Bromobenzene			<1.8	<0.82	<0.82	<0.48	<0.48	<0.48	<0.48	<0.23
Bromochloromethane			<1.7	<0.97	<0.97	<0.49	<0.49	<0.49	<0.49	<0.34
Bromodichloromethane	0.6	0.06	<0.58	<0.56	<0.56	<b>1.3</b>	<b>0.90j</b>	<0.50	<0.50	<0.50
Bromoform	4.4	0.44	<1.1	<0.94	<0.94	<0.33	<0.33	<0.33	<0.33	<0.50
Bromomethane	10	1	<2.2	<0.91	<0.91	<0.43	<0.43	<0.43	<0.43	<2.4
n-Butylbenzene			<1.6	<0.93	<0.93	<0.40	<0.40	<0.40	<0.40	<0.50
sec-Butylbenzene			<1.6	<0.89	<0.89	<0.60	<0.60	<0.60	<0.60	<2.2
tert-Butylbenzene			<2.4	<0.97	<0.97	<0.42	<0.42	<0.42	<0.42	<0.18
Carbon Tetrachloride	5	0.5	<1.2	<0.49	<0.49	<0.37	<0.37	<0.37	<0.37	<0.50
Chlorobenzene			<1.4	<0.41	<0.41	<0.36	<0.36	<0.36	<0.36	<0.50
Chloroethane	400	80	<2.1	<0.97	<0.97	<0.44	<0.44	<0.44	<0.44	<0.37
Chloroform	6	0.6	<1.1	<0.37	<i>2.0j</i>	<b>19.6</b>	<b>12.9</b>	<2.5	<2.5	<2.5
Chloromethane	3	3	<0.68	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.50
2-Chlorotoluene			<1.6	<0.85	<0.85	<0.48	<0.48	<0.48	<0.48	<0.50
4-Chlorotoluene			<2.2	<0.74	<0.74	<0.48	<0.48	<0.48	<0.48	<0.21
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<0.87	<1.7	<1.5	<1.5	<1.5	<1.5	<2.2
Dibromochloromethane	60	6	<2.1	<0.81	<0.81	<1.9	<1.9	<1.9	<1.9	<0.50
1,2-Dibromoethane	0.05	0.005	<1.6	<0.56	<0.56	<0.38	<0.38	<0.38	<0.38	<0.18
Dibromomethane			<1.8	<0.60	<0.60	<0.48	<0.48	<0.48	<0.48	<0.43
1,2-Dichlorobenzene	600	60	<1.8	<0.83	<0.83	<0.44	<0.44	<0.44	<0.44	<0.50
1,3-Dichlorobenzene	600	120	<1.4	<0.87	<0.87	<0.45	<0.45	<0.45	<0.45	<0.50
1,4-Dichlorobenzene	75	15	<1.6	<0.95	<0.95	<0.43	<0.43	<0.43	<0.43	<0.50
Dichlorodifluoromethane	1,000	200	<1.4	<0.99	<0.99	<0.40	<0.40	<0.40	<0.40	<0.22
1,1-Dichloroethane	850	85	<2.2	<0.36	<0.75	<0.28	<0.28	<0.28	<0.28	<0.24
1,2-Dichloroethane	5	0.5	<1.4	<0.36	<0.36	<0.48	<0.48	<0.48	<0.48	<0.17
1,1-Dichloroethene	7	0.7	<1.4	<0.57	<0.57	<0.43	<0.43	<0.43	<0.43	<0.41
cis-1,2-Dichloroethene	70	7	<2.0	<0.83	<0.83	<0.42	<0.42	<0.42	<0.42	<0.26
trans-1,2-Dichloroethylene	100	20	2.1	<0.89	<0.89	<0.37	<0.37	<0.37	<0.37	<0.26
1,2-Dichloropropane	5	0.5	<0.98	<0.46	<0.49	<0.50	<0.50	<0.50	<0.50	<0.23
1,3-Dichloropropane			<1.6	<0.61	<0.61	<0.46	<0.46	<0.46	<0.46	<0.50
2,2-Dichloropropane			<2.5	<0.62	<0.62	<0.50	<0.50	<0.50	<0.50	<0.48
1,1-Dichloropropene			<2.0	<0.75	<0.75	<0.51	<0.51	<0.51	<0.51	<0.44
cis-1,3-Dichloropropene	0.4	0.04	<1.4	<0.19	<0.20	<0.29	<0.29	<0.29	<0.29	<0.26
trans-1,3-Dichloropropene	0.4	0.04	<1.6	<0.19	<0.19	<0.30	<0.30	<0.30	<0.30	<0.26
Diisopropyl ether			<1.5	<0.76	<0.76	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	700	140	<1.3	<0.54	<0.54	<0.50	<0.50	<0.50	<0.50	<0.50
Hexachlorobutadiene			<2.4	<0.67	<0.67	<1.3	<1.3	<1.3	<1.3	<2.1
Isopropylbenzene			<1.6	<0.59	<0.59	<0.34	<0.34	<0.34	<0.34	<0.14
p-Isopropyltoluene			<1.4	<0.67	<0.67	<0.40	<0.40	<0.40	<0.40	<0.50
Methylene Chloride	5	0.5	<1.2	<i>0.84</i>	<0.43	<0.36	<0.36	<0.36	<0.36	<0.23
Methyl t-Butyl Ether	60	12	<2.2	<0.61	<0.61	<0.49	<0.49	<0.49	<0.49	<0.17
Naphthalene	100	10	<1.6	<0.74	<0.89	<2.5	<2.5	<2.5	<2.5	<2.5
n-Propylbenzene			<2.4	<0.81	<0.81	<0.50	<0.50	<0.50	<0.50	<0.50
Styrene	100	10	<1.6	<0.86	<0.86	<0.35	<0.35	<0.35	<0.35	<0.50
1,1,1,2-Tetrachloroethane	70	7	<2.4	<0.92	<0.92	<0.45	<0.45	<0.45	<0.45	<0.18
1,1,1,2,2-Tetrachloroethane	0.2	0.02	<1.9	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.25
Tetrachloroethylene	5	0.5	<b>250</b>	<b>63</b>	<0.45	<0.47	<0.47	<0.47	<0.47	<i>0.95j</i>
Toluene	800	160	<2.1	<0.67	<0.67	<0.44	<0.44	<0.44	<0.44	<0.50
1,2,3-Trichlorobenzene			<1.9	<0.74	<0.74	<0.77	<0.77	<0.77	<0.77	<2.1
1,2,4-Trichlorobenzene	70	14	<1.4	<0.97	<0.97	<2.5	<2.5	<2.5	<2.5	<2.2
1,1,1-Trichloroethane	200	40	<1.6	<0.90	<0.90	<0.44	<0.44	<0.44	<0.44	<0.50
1,1,2-Trichloroethane	5	0.5	<1.2	<0.42	<0.42	<0.39	<0.39	<0.39	<0.39	<0.20
Trichloroethylene	5	0.5	<b>20</b>	<i>3.7</i>	<0.48	<0.36	<0.36	<0.36	<0.36	<i>0.53j</i>
Trichlorofluoromethane	3,490	698	<2.1	<0.79	<0.79	<0.48	<0.48	<0.48	<0.48	<0.18
1,2,3-Trichloropropane	60	12	<2.3	<0.99	<0.99	<0.47	<0.47	<0.47	<0.47	<0.50
Total Trimethylbenzenes	480	96	<3.3	<1.80	<1.80	<3.07	<3.07	<3.07	<3.07	<1
Vinyl Chloride	0.2	0.02	<0.28	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Total Xylenes	2,000	400	<4.6	<2.63	<2.63	<1.32	<1.32	<1.32	<1.32	<1.5

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2i**  
**PZWR2 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	PZWR2							
			6/13/12	9/10/13	3/5/14	4/28/16	7/5/17	6/23/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>										
Benzene	5	0.5	<10.2	<0.50	<2.5	<10.0	<2.5	<2.5	<1.2	<1.2
Bromobenzene			<20.5	<0.48	<2.4	<4.6	<1.2	<1.2	<1.2	<1.2
Bromochloromethane			<24.2	<0.49	<2.5	<6.8	<1.7	<1.7	<1.8	<1.8
Bromodichloromethane	0.6	0.06	<14.0	<0.45	<2.3	<10.0	<2.5	<2.5	2.5j	2.8j
Bromoform	4.4	0.44	<23.5	<0.33	<1.6	<10.0	<2.5	<2.5	<19.9	<19.9
Bromomethane	10	1	<22.8	<0.43	<2.1	<48.7	<12.2	<12.2	<4.9	<4.9
n-Butylbenzene			<23.2	<0.40	<2.0	<10.0	<2.5	<2.5	<3.5	<3.5
sec-Butylbenzene			<22.2	<0.60	<3.0	<43.7	<10.9	<10.9	<4.2	<4.2
tert-Butylbenzene			<24.2	<0.42	<2.1	<3.6	<0.90	<0.90	<1.5	<1.5
Carbon Tetrachloride	5	0.5	<12.2	<0.37	<1.8	<10.0	<2.5	<2.5	<0.83	<0.83
Chlorobenzene			<10.2	<0.36	<1.8	<10.0	<2.5	<2.5	<3.6	<3.6
Chloroethane	400	80	<24.2	<0.44	<2.2	<7.5	<1.9	<1.9	<6.7	<6.7
Chloroform	6	0.6	<32.5	<0.69	<3.4	<50.0	<12.5	<b>26.2</b>	<b>30</b>	<b>35.5</b>
Chloromethane	3	3	<6.0	<0.39	<1.9	<10.0	<b>3.6j</b>	<2.5	<10.9	<10.9
2-Chlorotoluene			<21.2	<0.48	<2.4	<10.0	<2.5	<2.5	<4.6	<4.6
4-Chlorotoluene			<18.5	<0.48	<2.4	<4.3	<1.1	<1.1	<3.8	<3.8
1,2-Dibromo-3-chloropropane	0.2	0.02	<42.0	<1.5	<7.5	<43.3	<10.8	<10.8	<8.8	<8.8
Dibromochloromethane	60	6	<20.2	<1.9	<9.5	<10.0	<2.5	<2.5	<13.0	<13.0
1,2-Dibromoethane	0.05	0.005	<14.0	<0.38	<1.9	<3.6	<0.89	<0.89	<4.1	<4.1
Dibromomethane			<15.0	<0.48	<2.4	<8.5	<2.1	<2.1	<4.7	<4.7
1,2-Dichlorobenzene	600	60	<20.8	<0.44	<2.2	<10.0	<2.5	<2.5	<3.5	<3.5
1,3-Dichlorobenzene	600	120	<21.8	<0.45	<2.3	<10.0	<2.5	<2.5	<3.1	<3.1
1,4-Dichlorobenzene	75	15	<23.8	<0.43	<2.2	<10.0	<2.5	<2.5	<4.7	<4.7
Dichlorodifluoromethane	1,000	200	<24.8	<0.40	<2.0	<4.5	<1.1	<1.1	<2.5	<2.5
1,1-Dichloroethane	850	85	<18.8	<0.28	<2.1	<4.8	<1.2	<1.2	<1.4	<1.4
1,2-Dichloroethane	5	0.5	<9.0	<0.48	<2.4	<3.4	<0.84	<0.84	<1.4	<1.4
1,1-Dichloroethene	7	0.7	<14.2	<0.43	<2.1	<8.2	<2.1	<2.1	<1.2	<1.2
cis-1,2-Dichloroethene	70	7	<20.8	<0.42	<2.1	<5.1	<1.3	<1.3	<1.4	<1.4
trans-1,2-Dichloroethylene	100	20	<22.2	<0.37	<1.9	<5.1	<1.3	<1.3	<5.5	<5.5
1,2-Dichloropropane	5	0.5	<12.2	<0.50	<2.5	<4.7	<1.2	<1.2	<1.4	<1.4
1,3-Dichloropropane			<15.2	<0.46	<2.3	<10.0	<2.5	<2.5	<4.1	<4.1
2,2-Dichloropropane			<15.5	<0.50	<2.5	<9.7	<2.4	<2.4	<11.3	<11.3
1,1-Dichloropropene			<18.8	<0.51	<2.5	<8.8	<2.2	<2.2	<2.7	<2.7
cis-1,3-Dichloropropene	0.4	0.04	<5.0	<0.29	<1.5	<10.0	<2.5	<2.5	<18.1	<18.1
trans-1,3-Dichloropropene	0.4	0.04	<4.8	<0.30	<1.5	<4.6	<1.1	<1.1	<21.9	<21.9
Diisopropyl ether			<19.0	<0.50	<2.5	<10.0	<2.5	<2.5	<9.4	<9.4
Ethylbenzene	700	140	<13.5	<0.50	<2.5	<10.0	<2.5	<2.5	<1.1	<1.1
Hexachloro-1,3-butadiene			<16.8	<1.3	<6.3	<42.1	<10.5	<10.5	<5.9	<5.9
Isopropylbenzene			<14.8	<0.34	<1.7	<2.9	<0.72	<0.72	<2.0	<2.0
p-Isopropyltoluene			<16.8	<0.40	<2.0	<10.0	<2.5	<2.5	<4.0	<4.0
Methylene Chloride	5	0.5	<10.8	<0.36	<1.8	<4.7	<1.2	<i>1.3j</i>	<2.9	<2.9
Methyl t-Butyl Ether	60	12	<15.2	<0.49	<2.5	<3.5	<0.87	<0.87	<6.2	<6.2
Naphthalene	100	10	<22.2	<2.5	<12.5	<50.0	<12.5	<12.5	<5.9	<5.9
n-Propylbenzene			<20.2	<0.50	<2.5	<10.0	<2.5	<2.5	<4.1	<4.1
Styrene	100	10	<21.5	<0.35	<1.7	<10.0	<2.5	<2.5	<2.3	<2.3
1,1,1,2-Tetrachloroethane	70	7	<23.0	<0.45	<2.3	<3.6	<0.90	<0.90	<1.3	<1.3
1,1,1,2,2-Tetrachloroethane	0.2	0.02	<5.0	<0.38	<1.9	<5.0	<1.2	<1.2	<1.4	<1.4
Tetrachloroethylene	5	0.5	<b>1,240</b>	<b>79.3</b>	<b>650</b>	<b>2,260</b>	<b>543</b>	<b>1,420</b>	<b>783</b>	<b>699</b>
Toluene	800	160	<16.8	<0.44	<2.2	<10.0	<2.5	<2.5	<0.86	<0.86
1,2,3-Trichlorobenzene			<18.5	<0.77	<3.8	<42.7	<10.7	<10.7	<3.1	<3.1
1,2,4-Trichlorobenzene	70	14	<24.2	<2.5	<12.5	<44.2	<11.0	<11.0	<4.8	<4.8
1,1,1-Trichloroethane	200	40	<22.5	<0.44	<2.2	<10.0	<2.5	<2.5	<1.2	<1.2
1,1,2-Trichloroethane	5	0.5	<10.5	<0.39	<1.9	<3.9	<0.99	<0.99	<2.8	<2.8
Trichloroethylene	5	0.5	<12.0	<0.36	<i>3.7j</i>	<b>7.3j</b>	<1.7	<b>10.6</b>	<i>4.5j</i>	<i>1.3j</i>
Trichlorofluoromethane	3,490	698	<19.8	<0.48	<2.4	<3.7	<0.92	<0.92	<1.1	<1.1
1,2,3-Trichloropropane	60	12	<24.8	<0.47	<2.3	<10.0	<2.5	<2.5	<3.0	<3.0
Total Trimethylbenzenes	480	96	<45	<3.07	<5	<20	<5	<5	<8.6	<8.6
Vinyl Chloride	0.2	0.02	<4.5	<0.18	<0.92	<3.5	<0.88	<0.88	<0.87	<0.87
Total Xylenes	2,000	400	<65.8	<1.32	<6.6	<30	<7.5	<7.5	<3.6	<3.6

PAL = Preventative Action Limit

ES = Enforcement Standards

**BOLD**

= Exceeds Enforcement Standard

*Italic*

= Exceeds Preventative Action Limit

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2j**  
**PZWR3 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	PZWR3						
	ES	PAL	6/13/12	9/10/13	3/5/14	4/28/16	7/5/17
<b>Detected VOC's (ug/L)</b>							
Benzene	5	0.5	<0.41	<0.50	<0.50	<0.50	<0.50
Bromobenzene			<0.82	<0.48	<0.48	<0.48	<0.48
Bromochloromethane			<0.97	<0.49	<0.49	<0.49	<0.49
Bromodichloromethane	0.6	0.06	<0.56	<0.45	<0.45	<0.45	<0.45
Bromoform	4.4	0.44	<0.94	<0.33	<0.33	<0.33	<0.33
Bromomethane	10	1	<0.91	<0.43	<0.43	<0.43	<0.43
sec-Butylbenzene			<0.89	<0.60	<0.60	<0.60	<0.60
tert-Butylbenzene			<0.97	<0.42	<0.42	<0.42	<0.42
n-Butylbenzene			<0.93	<0.40	<0.40	<0.40	<0.40
Carbon Tetrachloride	5	0.5	<0.49	<0.37	<0.37	<0.37	<0.37
Chloroform	6	0.6	<1.3	<0.69	<0.69	<0.69	<0.69
Chlorobenzene			<0.41	<0.36	<0.36	<0.36	<0.36
Chlorodibromomethane	60	6	<0.81	<1.9	<1.9	<1.9	<1.9
Chloroethane	400	80	<0.97	<0.44	<0.44	<0.44	<0.44
Chloromethane	3	3	<0.24	<0.39	<0.39	<0.39	0.60j
2-Chlorotoluene			<0.85	<0.48	<0.48	<0.48	<0.48
4-Chlorotoluene			<0.74	<0.48	<0.48	<0.48	<0.48
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.7	<1.5	<1.5	<1.5	<1.5
1,2-Dibromoethane	0.05	0.005	<0.56	<0.38	<0.38	<0.38	<0.38
Dibromomethane			<0.60	<0.48	<0.48	<0.48	<0.48
1,3-Dichlorobenzene	600	120	<0.87	<0.45	<0.45	<0.45	<0.45
1,4-Dichlorobenzene	75	15	<0.95	<0.43	<0.43	<0.43	<0.43
1,2-Dichloroethane	5	0.5	<0.36	<0.48	<0.48	<0.48	<0.48
1,2-Dichlorobenzene	600	60	<0.83	<0.44	<0.44	<0.44	<0.44
1,1-Dichloroethene	7	0.7	<0.57	<0.43	<0.43	<0.43	<0.43
cis-1,2-Dichloroethene	70	7	<0.83	<0.42	<0.42	<0.42	<0.42
Dichlorodifluoromethane	1,000	200	<0.99	<0.40	<0.40	<0.40	<0.40
trans-1,2-Dichloroethylene	100	20	<0.89	<0.37	<0.37	<0.37	<0.37
1,2-Dichloropropane	5	0.5	<0.49	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.75	<0.28	<0.28	<0.28	<0.28
1,3-Dichloropropane			<0.61	<0.46	<0.46	<0.46	<0.46
2,2-Dichloropropane			<0.62	<0.50	<0.50	<0.50	<0.50
1,1-Dichloropropene			<0.75	<0.51	<0.51	<0.51	<0.51
cis-1,3-Dichloropropene	0.4	0.04	<0.20	<0.29	<0.29	<0.29	<0.29
trans-1,3-Dichloropropene	0.4	0.04	<0.19	<0.30	<0.30	<0.30	<0.30
Diisopropyl ether			<0.76	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	700	140	<0.54	<0.50	<0.50	<0.50	<0.50
Fluorotrichloromethane	3,490	698	<0.79	<0.48	<0.48	<0.48	<0.48
Hexachlorobutadiene			<0.67	<1.3	<1.3	<1.3	<1.3
Isopropylbenzene			<0.59	<0.34	<0.34	<0.34	<0.34
p-Isopropyltoluene			<0.67	<0.40	<0.40	<0.40	<0.40
Methylene Chloride	5	0.5	<0.43	<0.36	<0.36	<0.36	<0.36
Methyl t-Butyl Ether	60	12	<0.61	<0.49	<0.49	<0.49	<0.49
Naphthalene	100	10	<0.89	<2.5	<2.5	<2.5	<2.5
n-Propylbenzene			<0.81	<0.50	<0.50	<0.50	<0.50
Styrene	100	10	<0.86	<0.35	<0.35	<0.35	<0.35
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.20	<0.38	<0.38	<0.38	<0.38
1,1,1,2-Tetrachloroethane	70	7	<0.92	<0.45	<0.45	<0.45	<0.45
Tetrachloroethylene	5	0.5	<0.45	0.57j	<0.47	<0.47	<0.47
Toluene	800	160	<0.67	<0.44	<0.44	<0.44	<0.44
1,2,3-Trichlorobenzene			<0.74	<0.77	<0.77	<0.77	<0.77
1,2,4-Trichlorobenzene	70	14	<0.97	<2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	200	40	<0.90	<0.44	<0.44	<0.44	<0.44
1,1,2-Trichloroethane	5	0.5	<0.42	<0.39	<0.39	<0.39	<0.39
Trichloroethylene	5	0.5	<0.48	<0.36	<0.36	<0.36	<0.36
1,2,3-Trichloropropane	60	12	<0.99	<0.47	<0.47	<0.47	<0.47
Total Trimethylbenzenes	480	96	<1.80	<3.07	<3.07	<3.07	<3.07
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.18	<0.18	<0.18
Total Xylenes	2,000	400	<2.63	<1.32	<1.32	<1.32	<1.32

PAL = Preventative Action Limit

ES = Enforcement Standards

**BOLD** = Exceeds Enforcement Standard

*Italic* = Exceeds Preventative Action Limit

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2k**  
**Sprinkler East Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	Sprinkler East - CV062				
	ES	PAL	4/23/03	9/10/13	8/15/18
<b>Detected VOC's (ug/L)</b>					
Benzene	5	0.5	<0.41	<0.50	<0.25
Bromobenzene			<0.82	<0.48	<0.24
Bromochloromethane			<0.97	<0.49	<0.36
Bromodichloromethane	0.6	0.06	<0.56	<0.45	<0.36
Bromoform	4.4	0.44	<0.94	<0.33	<4.0
Bromomethane	10	1	<0.91	<0.43	<0.97
n-Butylbenzene			<0.93	<0.40	<0.71
sec-Butylbenzene			<0.89	<0.60	<0.85
tert-Butylbenzene			<0.97	<0.42	<0.30
Carbon Tetrachloride	5	0.5	<0.49	<0.37	<0.17
Chlorobenzene			<0.41	<0.36	<0.71
Chloroethane	400	80	<0.97	<0.44	<1.3
Chloroform	6	0.6	<0.37	<0.69	<1.3
Chloromethane	3	3	<0.24	<0.39	<2.2
2-Chlorotoluene			<0.85	<0.48	<0.93
4-Chlorotoluene			<0.74	<0.48	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.87	<1.5	<1.8
Dibromochloromethane	60	6	<0.81	<1.9	<2.6
1,2-Dibromoethane	0.05	0.005	<0.56	<0.38	<0.83
Dibromomethane			<0.60	<0.48	<0.94
1,2-Dichlorobenzene	600	60	<0.83	<0.44	<0.71
1,3-Dichlorobenzene	600	120	<0.87	<0.45	<0.63
1,4-Dichlorobenzene	75	15	<0.95	<0.43	<0.94
Dichlorodifluoromethane	1,000	200	<0.99	<0.40	<0.50
1,1-Dichloroethane	850	85	<0.36	<0.28	<0.27
1,2-Dichloroethane	5	0.5	<0.36	<0.48	<0.28
1,1-Dichloroethene	7	0.7	<0.57	<0.43	<0.24
cis-1,2-Dichloroethene	70	7	1.0	3.1	8.6
trans-1,2-Dichloroethylene	100	20	<0.89	4.1	13.3
1,2-Dichloropropane	5	0.5	<0.46	<0.50	<0.28
1,3-Dichloropropane			<0.61	<0.46	<0.83
2,2-Dichloropropane			<0.62	<0.50	<2.3
1,1-Dichloropropene			<0.75	<0.51	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<0.19	<0.29	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<0.19	<0.30	<4.4
Diisopropyl ether			<0.76	<0.50	<1.9
Ethylbenzene	700	140	<0.54	<0.50	<0.22
Hexachlorobutadiene			<0.67	<1.3	<1.2
Isopropylbenzene			<0.59	<0.34	<0.39
p-Isopropyltoluene			<0.67	<0.40	<0.80
Methylene Chloride	5	0.5	<0.43	<0.36	<0.58
Methyl t-Butyl Ether	60	12	<0.61	<0.49	<1.2
Naphthalene	100	10	<0.74	<2.5	<1.2
n-Propylbenzene			<0.81	<0.50	<0.81
Styrene	100	10	<0.86	<0.35	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.92	<0.45	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.20	<0.38	<0.28
Terachloroethylene	5	0.5	<b>81</b>	<b>57.7</b>	<b>29.2</b>
Toluene	800	160	<0.67	<0.44	<0.17
1,2,3-Trichlorobenzene			<0.74	<0.77	<0.63
1,2,4-Trichlorobenzene	70	14	<0.97	<2.5	<0.95
1,1,1-Trichloroethane	200	40	<0.90	<0.44	<0.24
1,1,2-Trichloroethane	5	0.5	<0.42	<0.39	<0.55
Trichloroethylene	5	0.5	<b>57</b>	<b>76.3</b>	<b>77.7</b>
Trichlorofluoromethane	3,490	698	<0.79	<0.48	<0.21
1,2,3-Trichloropropane	60	12	<0.99	<0.47	<0.59
Total Trimethylbenzenes	480	96	<1.80	<3.07	<1.71
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.17
Total Xylenes	2,000	400	<2.63	<1.32	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit



**Table 21**  
**Sprinkler West Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	Sprinkler West - CV063				
	ES	PAL	4/23/03	9/10/13	8/15/18
<b>Detected VOC's (ug/L)</b>					
Benzene	5	0.5	<0.41	<0.50	<0.25
Bromobenzene			<0.82	<0.48	<0.24
Bromochloromethane			<0.97	<0.49	<0.36
Bromodichloromethane	0.6	0.06	<0.56	<0.45	<0.36
Bromoform	4.4	0.44	<0.94	<0.33	<4.0
Bromomethane	10	1	<0.91	<0.43	<0.97
n-Butylbenzene			<0.93	<0.40	<0.71
sec-Butylbenzene			<0.89	<0.60	<0.85
tert-Butylbenzene			<0.97	<0.42	<0.30
Carbon Tetrachloride	5	0.5	<0.49	<0.37	<0.17
Chlorobenzene			<0.41	<0.36	<0.71
Chloroethane	400	80	<0.97	<0.44	<1.3
Chloroform	6	0.6	<0.37	<0.69	<1.3
Chloromethane	3	3	<0.24	<0.39	<2.2
2-Chlorotoluene			<0.85	<0.48	<0.93
4-Chlorotoluene			<0.74	<0.48	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.87	<1.5	<1.8
Dibromochloromethane	60	6	<0.81	<1.9	<2.6
1,2-Dibromoethane	0.05	0.005	<0.56	<0.38	<0.83
Dibromomethane			<0.60	<0.48	<0.94
1,2-Dichlorobenzene	600	60	<0.83	<0.44	<0.71
1,3-Dichlorobenzene	600	120	<0.87	<0.45	<0.63
1,4-Dichlorobenzene	75	15	<0.95	<0.43	<0.94
Dichlorodifluoromethane	1,000	200	<0.99	<0.40	<0.50
1,1-Dichloroethane	850	85	<0.36	<0.28	<0.27
1,2-Dichloroethane	5	0.5	<0.36	<0.48	<0.28
1,1-Dichloroethene	7	0.7	<0.57	<0.43	<0.24
cis-1,2-Dichloroethene	70	7	<0.83	7.2	8.7
trans-1,2-Dichloroethylene	100	20	<0.89	9.6	10.1
1,2-Dichloropropane	5	0.5	<0.46	<0.50	<0.28
1,3-Dichloropropane			<0.61	<0.46	<0.83
2,2-Dichloropropane			<0.62	<0.50	<2.3
1,1-Dichloropropene			<0.75	<0.51	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<0.19	<0.29	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<0.19	<0.30	<4.4
Diisopropyl ether			<0.76	<0.50	<1.9
Ethylbenzene	700	140	<0.54	<0.50	<0.22
Hexachlorobutadiene			<0.67	<1.3	<1.2
Isopropylbenzene			<0.59	<0.34	<0.39
p-Isopropyltoluene			<0.67	<0.40	<0.80
Methylene Chloride	5	0.5	<0.86	<0.36	<0.58
Methyl t-Butyl Ether	60	12	<0.61	<0.49	<1.2
Naphthalene	100	10	<0.74	<2.5	<1.2
n-Propylbenzene			<0.81	<0.50	<0.81
Styrene	100	10	<0.86	<0.35	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.92	<0.45	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.20	<0.38	<0.28
Terachloroethylene	5	0.5	<b>340</b>	<b>5.4</b>	<b>11.6</b>
Toluene	800	160	<0.67	<0.44	<0.17
1,2,3-Trichlorobenzene			<0.74	<0.77	<0.63
1,2,4-Trichlorobenzene	70	14	<0.97	<2.5	<0.95
1,1,1-Trichloroethane	200	40	<0.90	<0.44	<0.24
1,1,2-Trichloroethane	5	0.5	<0.42	<0.39	<0.55
Trichloroethylene	5	0.5	<b>35</b>	<b>47.9</b>	<b>56.5</b>
Trichlorofluoromethane	3,490	698	<0.79	<0.48	<0.21
1,2,3-Trichloropropane	60	12	<0.99	<0.47	<0.59
Total Trimethylbenzenes	480	96	<1.80	<3.07	<1.71
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.17
Total Xylenes	2,000	400	<2.63	<1.32	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2m**  
**MWWR1 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	MWWR1			
			6/13/12	3/5/14	4/28/16	7/7/17
<b>Detected VOC's (ug/L)</b>						
Benzene	5	0.5	<0.41	<0.50	<0.50	<0.50
Bromobenzene			<0.82	<0.48	<0.48	<0.48
Bromochloromethane			<0.97	<0.49	<0.49	<0.49
Bromodichloromethane	0.6	0.06	<0.56	<0.45	<0.45	3.2
Bromoform	4.4	0.44	<0.94	<0.33	<0.33	<0.33
Bromomethane	10	1	<0.91	<0.43	<0.43	<0.43
sec-Butylbenzene			<0.89	<0.60	<0.60	<0.60
tert-Butylbenzene			<0.97	<0.42	<0.42	<0.42
n-Butylbenzene			<0.93	<0.40	<0.40	<0.40
Carbon Tetrachloride	5	0.5	<0.49	<0.37	<0.37	<0.37
Chloroform	6	0.6	<1.3	<0.69	<0.69	<b>37.1</b>
Chlorobenzene			<0.41	<0.36	<0.36	<0.36
Chlorodibromomethane	60	6	<0.81	<1.9	<1.9	<1.9
Chloroethane	400	80	<0.97	<0.44	<0.44	<0.44
Chloromethane	3	3	<0.24	<0.39	<0.39	<0.39
2-Chlorotoluene			<0.85	<0.48	<0.48	<0.48
4-Chlorotoluene			<0.74	<0.48	<0.48	<0.48
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.7	<1.5	<1.5	<1.5
1,2-Dibromoethane	0.05	0.005	<0.56	<0.38	<0.38	<0.38
Dibromomethane			<0.60	<0.48	<0.48	<0.48
1,3-Dichlorobenzene	600	120	<0.87	<0.45	<0.45	<0.45
1,4-Dichlorobenzene	75	15	<0.95	<0.43	<0.43	<0.43
1,2-Dichloroethane	5	0.5	<0.36	<0.48	<0.48	<0.48
1,2-Dichlorobenzene	600	60	<0.83	<0.44	<0.44	<0.44
1,1-Dichloroethene	7	0.7	<0.57	<0.43	<0.43	<0.43
cis-1,2-Dichloroethene	70	7	<0.83	<0.42	<0.42	<0.42
Dichlorodifluoromethane	1,000	200	<0.99	<0.40	<0.40	<0.40
trans-1,2-Dichloroethylene	100	20	<0.89	<0.37	<0.37	<0.37
1,2-Dichloropropane	5	0.5	<0.49	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.75	<0.28	<0.28	<0.28
1,3-Dichloropropane			<0.61	<0.46	<0.46	<0.46
2,2-Dichloropropane			<0.62	<0.50	<0.50	<0.50
1,1-Dichloropropene			<0.75	<0.51	<0.51	<0.51
cis-1,3-Dichloropropene	0.4	0.04	<0.20	<0.29	<0.29	<0.29
trans-1,3-Dichloropropene	0.4	0.04	<0.19	<0.30	<0.30	<0.30
Diisopropyl ether			<0.76	<0.50	<0.50	<0.50
Ethylbenzene	700	140	<0.54	<0.50	<0.50	<0.50
Fluorotrichloromethane	3,490	698	<0.79	<0.48	<0.48	<0.48
Hexachlorobutadiene			<0.67	<1.3	<1.3	<1.3
Isopropylbenzene			<0.59	<0.34	<0.34	<0.34
p-Isopropyltoluene			<0.67	<0.40	<0.40	<0.40
Methylene Chloride	5	0.5	<0.43	<0.36	<0.36	<0.36
Methyl t-Butyl Ether	60	12	<0.61	<0.49	<0.49	<0.49
Naphthalene	100	10	<0.89	<2.5	<2.5	<2.5
n-Propylbenzene			<0.81	<0.50	<0.50	<0.50
Styrene	100	10	<0.86	<0.35	<0.35	<0.35
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.20	<0.38	<0.38	<0.38
1,1,1,2-Tetrachloroethane	70	7	<0.92	<0.45	<0.45	<0.45
Terachloroethylene	5	0.5	<0.45	<0.47	<0.47	<0.47
Toluene	800	160	<0.67	<0.44	<0.44	<0.44
1,2,3-Trichlorobenzene			<0.74	<0.77	<0.77	<0.77
1,2,4-Trichlorobenzene	70	14	<0.97	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	200	40	<0.90	<0.44	<0.44	<0.44
1,1,2-Trichloroethane	5	0.5	<0.42	<0.39	<0.39	<0.39
Trichloroethylene	5	0.5	<0.48	<0.36	<0.36	<0.36
1,2,3-Trichloropropane	60	12	<0.99	<0.47	<0.47	<0.47
Total Trimethylbenzenes	480	96	<1.80	<1	<1	<1
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.18	<0.18
Total Xylenes	2,000	400	<2.63	<1.32	<1.32	<1.32

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2n**  
**Groundwater Profile Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	GWP1 6/5/14	GWP2 6/5/14	GWP3 6/5/14	GWP4 6/5/14	GWP5 6/5/14
<b>Detected VOC's (ug/L)</b>							
Benzene	5	0.5	<0.50	<0.50	<b>16.4</b>	<b>6.4</b>	<0.50
Bromobenzene			<0.23	<0.23	<0.58	<0.23	<0.23
Bromochloromethane			<0.34	<0.34	<0.85	<0.34	<0.34
Bromodichloromethane	0.6	0.06	<0.50	<0.50	<1.2	<0.50	<0.50
Bromoform	4.4	0.44	<0.50	<0.50	<1.2	<0.50	<0.50
Bromomethane	10	1	<2.4	<2.4	<6.1	<2.4	<2.4
sec-Butylbenzene			<2.2	<2.2	<5.5	<2.2	<2.2
tert-Butylbenzene			<0.18	<0.18	<0.45	<0.18	<0.18
n-Butylbenzene			<0.50	<0.50	<1.2	<0.50	<0.50
Carbon Tetrachloride	5	0.5	<0.50	<0.50	<1.2	<0.50	<0.50
Chloroform	6	0.6	<2.5	<2.5	<6.2	<2.5	<2.5
Chlorobenzene			<0.50	<0.50	<1.2	<0.50	<0.50
Chlorodibromomethane	60	6	<0.32	<0.32	<0.80	<0.32	<0.32
Chloroethane	400	80	<0.37	<0.37	<0.94	<0.37	<0.37
Chloromethane	3	3	<0.50	<0.50	<1.2	<0.50	<0.50
2-Chlorotoluene			<0.50	<0.50	<1.2	<0.50	<0.50
4-Chlorotoluene			<0.21	<0.21	<1.2	<0.21	<0.21
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<2.2	<5.4	<2.2	<2.2
1,2-Dibromoethane	0.05	0.005	<0.16	<0.16	<0.41	<0.16	<0.16
Dibromomethane			<0.43	<0.43	<1.1	<0.43	<0.43
1,3-Dichlorobenzene	600	120	<0.50	<0.50	<1.2	<0.50	<0.50
1,4-Dichlorobenzene	75	15	<0.50	<0.50	<1.2	<0.50	<0.50
1,2-Dichloroethane	5	0.5	<0.18	<0.18	<0.42	<0.18	<0.18
1,2-Dichlorobenzene	600	60	<0.50	<0.50	<1.2	<0.50	<0.50
1,1-Dichloroethene	7	0.7	<0.17	<0.17	<1.0	<0.17	<0.17
cis-1,2-Dichloroethene	70	7	0.91j	1.1	3.0	2.7	<0.26
Dichlorodifluoromethane	1,000	200	<0.16	<0.16	<0.39	<0.16	<0.16
trans-1,2-Dichloroethylene	100	20	<0.24	<0.24	2.2j	3.0	<0.24
1,2-Dichloropropane	5	0.5	<0.23	<0.23	<0.58	<0.23	<0.23
1,1-Dichloroethane	850	85	<0.18	<0.18	<0.46	<0.18	<0.18
1,3-Dichloropropane			<0.50	<0.50	<1.2	<0.50	<0.50
2,2-Dichloropropane			<0.48	<0.48	<1.2	<0.48	<0.48
1,1-Dichloropropene			<0.44	<0.44	<1.1	<0.44	<0.44
cis-1,3-Dichloropropene	0.4	0.04	<0.50	<0.50	<1.2	<0.50	<0.50
trans-1,3-Dichloropropene	0.4	0.04	<0.23	<0.23	<0.57	<0.23	<0.23
Diisopropyl ether			<0.50	<0.50	<1.2	<0.50	<0.50
Ethylbenzene	700	140	<0.50	<0.50	<1.2	<0.50	<0.50
Fluorotrichloromethane	3,490	698	<0.17	<0.17	<0.43	<0.17	<0.17
Hexachlorobutadiene			<2.1	<2.1	<5.3	<2.1	<2.1
Isopropylbenzene			<0.12	<0.12	<0.29	<0.12	<0.12
p-Isopropyltoluene			<0.50	<0.50	<1.2	<0.50	<0.50
Methylene Chloride	5	0.5	<0.23	<0.23	<0.58	<0.23	<0.23
Methyl t-Butyl Ether	60	12	<0.17	0.38j	12.6	1.5	<0.17
Naphthalene	100	10	<2.5	<2.5	<6.2	<2.5	<2.5
n-Propylbenzene			<0.50	<0.50	<1.2	<0.50	<0.50
Styrene	100	10	<0.50	<0.50	<1.2	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	<0.62	<0.25	<0.25
1,1,1,2-Tetrachloroethane	70	7	<0.18	<0.18	<0.45	<0.18	<0.18
Tetrachloroethylene	5	0.5	<b>26.2</b>	2.3	<b>73.5</b>	<b>77.4</b>	<0.50
Toluene	800	160	<0.50	<0.50	<1.2	<0.50	<0.50
1,2,3-Trichlorobenzene			<2.1	<2.1	<5.3	<2.1	<2.1
1,2,4-Trichlorobenzene	70	14	<2.2	<2.2	<5.5	<2.2	<2.2
1,1,1-Trichloroethane	200	40	<0.50	<0.50	<1.2	<0.50	<0.50
1,1,2-Trichloroethane	5	0.5	<0.16	<0.16	<0.39	<0.16	<0.16
Trichloroethylene	5	0.5	<b>8.8</b>	<b>7.9</b>	<b>173</b>	<b>25.4</b>	<i>0.87j</i>
1,2,3-Trichloropropane	60	12	<0.50	<0.50	<1.2	<0.50	<0.50
Total Trimethylbenzenes	480	96	<1	<1	<2.4	<1	<1
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.44	<0.18	<0.18
Total Xylenes	2,000	400	<1.5	<1.5	<3.7	<1.5	<1.5

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2o**  
**CPZ7 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ7				
			4/28/16	7/5/17	6/27/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>							
Benzene	5	0.5	<i>0.88j</i>	<0.50	<0.50	<0.25	<i>0.63j</i>
Bromobenzene			<0.23	<0.23	<0.23	<0.24	<0.24
Bromochloromethane			<0.34	<0.34	<0.34	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.50	<0.50	<0.50	<0.36	<0.36
Bromoform	4.4	0.44	<0.50	<0.50	<0.50	<4.0	<4.0
Bromomethane	10	1	<2.4	<2.4	<2.4	<0.97	<0.97
n-Butylbenzene			<0.50	<0.50	<0.50	<0.71	<0.71
sec-Butylbenzene			<2.2	<2.2	<2.2	<0.85	<0.85
tert-Butylbenzene			<0.18	<0.18	<0.18	<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.50	<0.50	<0.50	<0.17	<0.17
Chlorobenzene			<0.50	<0.50	<0.50	<0.71	<0.71
Chloroethane	400	80	<0.37	<0.37	<0.37	<1.3	<1.3
Chloroform	6	0.6	<2.5	<2.5	<2.5	<1.3	<1.3
Chloromethane	3	3	<0.50	<0.50	<0.50	<2.2	<2.2
2-Chlorotoluene			<0.50	<0.50	<0.50	<0.93	<0.93
4-Chlorotoluene			<0.21	<0.21	<0.21	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<2.2	<2.2	<1.8	<1.8
Dibromochloromethane	60	6	<0.32	<0.32	<0.32	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.16	<0.16	<0.16	<0.83	<0.83
Dibromomethane			<0.43	<0.43	<0.43	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.50	<0.50	<0.50	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.50	<0.50	<0.50	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.50	<0.50	<0.50	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.16	<0.16	<0.16	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.18	<0.18	<0.18	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.18	<0.18	<0.18	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.17	<0.17	<0.17	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	4.2	2.9	9.5	<i>11.1</i>	6.0
trans-1,2-Dichloroethylene	100	20	<0.24	<0.24	3.0	2.9j	<1.1
1,2-Dichloropropane	5	0.5	<0.23	<0.23	<0.23	<0.28	<0.28
1,3-Dichloropropane			<0.50	<0.50	<0.50	<0.83	<0.83
2,2-Dichloropropane			<0.48	<0.48	<0.48	<2.3	<2.3
1,1-Dichloropropene			<0.44	<0.44	<0.44	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<0.50	<0.50	<0.50	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<0.23	<0.23	<0.23	<4.4	<4.4
Diisopropyl ether			<0.50	<0.50	<0.50	<1.9	<1.9
Ethylbenzene	700	140	<0.50	<0.50	<0.50	<0.22	<0.22
Hexachloro-1,3-butadiene			<2.1	<2.1	<2.1	<1.2	<1.2
Isopropylbenzene			<0.12	<0.12	<0.12	<0.39	<0.39
p-Isopropyltoluene			<0.50	<0.50	<0.50	<0.80	<0.80
Methylene Chloride	5	0.5	<0.23	<0.23	<0.23	<0.58	<0.58
Methyl t-Butyl Ether	60	12	5.6	1.3	3.6	3.1j	2.6j
Naphthalene	100	10	<2.5	<2.5	<2.5	<1.2	<1.2
n-Propylbenzene			<0.50	<0.50	<0.50	<0.81	<0.81
Styrene	100	10	<0.50	<0.50	<0.50	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.18	<0.18	<0.18	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	<0.25	<0.25	<0.25
Tetrachloroethylene	5	0.5	3.7	3.7	3.4	<b>8.0</b>	3.0
Toluene	800	160	<0.50	<0.50	<0.50	<0.17	<0.17
1,2,3-Trichlorobenzene			<2.1	<2.1	<2.1	<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<2.2	<2.2	<2.2	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.50	<0.50	<0.50	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.16	<0.16	<0.16	<0.55	<0.55
Trichloroethylene	5	0.5	<b>18.1</b>	<b>10.7</b>	<b>27.6</b>	<b>42.0</b>	<b>16.9</b>
Trichlorofluoromethane	3,490	698	<0.17	<0.17	<0.17	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.50	<0.50	<0.50	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1	<1	<1	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.18	<0.17	<0.17
Total Xylenes	2,000	400	<1.5	<1.5	<1.5	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2p**  
**CPZ8 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ8					
			4/28/16	7/5/17	6/27/18	4/24/19	8/13/19	
<b>Detected VOC's (ug/L)</b>								
Benzene	5	0.5	<0.50	<0.50	<0.50	<0.25	<0.25	
Bromobenzene			<0.23	<0.23	<0.23	<0.24	<0.24	
Bromochloromethane			<0.34	<0.34	<0.34	<0.36	<0.36	
Bromodichloromethane	0.6	0.06	<0.50	<0.50	<0.50	<0.36	<0.36	
Bromoform	4.4	0.44	<0.50	<0.50	<0.50	<4.0	<4.0	
Bromomethane	10	1	<2.4	<2.4	<2.4	<0.97	<0.97	
n-Butylbenzene			<0.50	<0.50	<0.50	<0.71	<0.71	
sec-Butylbenzene			<2.2	<2.2	<2.2	<0.85	<0.85	
tert-Butylbenzene			<0.18	<0.18	<0.18	<0.30	<0.30	
Carbon Tetrachloride	5	0.5	<0.50	<0.50	<0.50	<0.17	<0.17	
Chlorobenzene			<0.50	<0.50	<0.50	<0.71	<0.71	
Chloroethane	400	80	<0.37	<0.37	<0.37	<1.3	<1.3	
Chloroform	6	0.6	<2.5	<2.5	<2.5	2.2j	<1.3	
Chloromethane	3	3	<0.50	<0.50	<0.50	<2.2	<2.2	
2-Chlorotoluene			<0.50	<0.50	<0.50	<0.93	<0.93	
4-Chlorotoluene			<0.21	<0.21	<0.21	<0.76	<0.76	
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<2.2	<2.2	<1.8	<1.8	
Dibromochloromethane	60	6	<0.32	<0.32	<0.32	<2.6	<2.6	
1,2-Dibromoethane	0.05	0.005	<0.16	<0.16	<0.16	<0.83	<0.83	
Dibromomethane			<0.43	<0.43	<0.43	<0.94	<0.94	
1,2-Dichlorobenzene	600	60	<0.50	<0.50	<0.50	<0.71	<0.71	
1,3-Dichlorobenzene	600	120	<0.50	<0.50	<0.50	<0.63	<0.63	
1,4-Dichlorobenzene	75	15	<0.50	<0.50	<0.50	<0.94	<0.94	
Dichlorodifluoromethane	1,000	200	<0.16	<0.16	<0.16	<0.50	<0.50	
1,1-Dichloroethane	850	85	<0.18	<0.18	<0.18	<0.27	<0.27	
1,2-Dichloroethane	5	0.5	<0.18	<0.18	<0.18	<0.28	<0.28	
1,1-Dichloroethene	7	0.7	<0.17	<0.17	<0.17	0.25j	<0.27	
cis-1,2-Dichloroethene	70	7	1.2	<0.26	0.70j	0.69j	0.45j	
trans-1,2-Dichloroethylene	100	20	0.75j	<0.26	0.32j	<1.1	<1.1	
1,2-Dichloropropane	5	0.5	<0.23	<0.23	<0.23	<0.28	<0.28	
1,3-Dichloropropane			<0.50	<0.50	<0.50	<0.83	<0.83	
2,2-Dichloropropane			<0.48	<0.48	<0.48	<2.3	<2.3	
1,1-Dichloropropene			<0.44	<0.44	<0.44	<0.54	<0.54	
cis-1,3-Dichloropropene	0.4	0.04	<0.50	<0.50	<0.50	<3.6	<3.6	
trans-1,3-Dichloropropene	0.4	0.04	<0.23	<0.23	<0.23	<4.4	<4.4	
Diisopropyl ether			<0.50	<0.50	<0.50	<1.9	<1.9	
Ethylbenzene	700	140	<0.50	<0.50	<0.50	<0.22	<0.22	
Hexachloro-1,3-butadiene			<2.1	<2.1	<2.1	<1.2	<1.2	
Isopropylbenzene			<0.12	<0.12	<0.12	<0.39	<0.39	
p-Isopropyltoluene			<0.50	<0.50	<0.50	<0.80	<0.80	
Methylene Chloride	5	0.5	<0.23	<0.23	<0.23	<0.58	<0.58	
Methyl t-Butyl Ether	60	12	<0.17	<0.17	<0.17	<1.2	<1.2	
Naphthalene	100	10	<2.5	<2.5	<2.5	<1.2	<1.2	
n-Propylbenzene			<0.50	<0.50	<0.50	<0.81	<0.81	
Styrene	100	10	<0.50	<0.50	<0.50	<0.47	<0.47	
1,1,1,2-Tetrachloroethane	70	7	<0.18	<0.18	<0.18	<0.27	<0.27	
1,1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	<0.25	<0.28	<0.28	
Tetrachloroethylene	5	0.5	<b>137</b>	<b>29.8</b>	<b>92.4</b>	<b>228</b>	<b>89.5</b>	
Toluene	800	160	<0.50	<0.50	<0.50	<0.17	<0.17	
1,2,3-Trichlorobenzene			<2.1	<2.1	<2.1	<0.63	<0.63	
1,2,4-Trichlorobenzene	70	14	<2.2	<2.2	<2.2	<0.95	<0.95	
1,1,1-Trichloroethane	200	40	<0.50	<0.50	<0.50	<0.24	<0.24	
1,1,2-Trichloroethane	5	0.5	<0.16	<0.16	<0.16	<0.55	<0.55	
Trichloroethylene	5	0.5	<b>26.1</b>	<b>4.6</b>	<b>11.6</b>	<b>10.9</b>	<b>8.0</b>	
Trichlorofluoromethane	3,490	698	<0.17	<0.17	<0.17	<0.21	<0.21	
1,2,3-Trichloropropane	60	12	<0.50	<0.50	<0.50	<0.59	<0.59	
Total Trimethylbenzenes	480	96	<1	<1	<1	<1.71	<1.71	
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.18	<0.17	<0.17	
Total Xylenes	2,000	400	<1.5	<1.5	<1.5	<0.73	<0.73	

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2q**  
**MW2r Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	MW2r		
			4/28/16	7/5/17	6/27/18
<b>Detected VOC's (ug/L)</b>					
Benzene	5	0.5	<0.50	<0.50	<0.50
Bromobenzene			<0.23	<0.23	<0.23
Bromochloromethane			<0.34	<0.34	<0.34
Bromodichloromethane	0.6	0.06	<0.50	<0.50	3.3
Bromoform	4.4	0.44	<0.50	<0.50	<0.50
Bromomethane	10	1	<2.4	<2.4	<2.4
n-Butylbenzene			<0.50	<0.50	<0.50
sec-Butylbenzene			<2.2	<2.2	<2.2
tert-Butylbenzene			<0.18	<0.18	<0.18
Carbon Tetrachloride	5	0.5	<0.50	<0.50	<0.50
Chlorobenzene			<0.50	<0.50	<0.50
Chloroethane	400	80	<0.37	<0.37	<0.37
Chloroform	6	0.6	<2.5	<2.5	<2.5
Chloromethane	30	3	<0.50	<0.50	<b>38.9</b>
2-Chlorotoluene			<0.50	<0.50	<0.50
4-Chlorotoluene			<0.21	<0.21	<0.21
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<2.2	<2.2
Dibromochloromethane	60	6	<0.32	<0.32	<0.32
1,2-Dibromoethane	0.05	0.005	<0.16	<0.16	<0.16
Dibromomethane			<0.43	<0.43	<0.43
1,2-Dichlorobenzene	600	60	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	600	120	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	75	15	<0.50	<0.50	<0.50
Dichlorodifluoromethane	1,000	200	<0.16	<0.16	<0.16
1,1-Dichloroethane	850	85	<0.18	<0.18	<0.18
1,2-Dichloroethane	5	0.5	<0.18	<0.18	<0.18
1,1-Dichloroethene	7	0.7	<0.17	<0.17	<0.17
cis-1,2-Dichloroethene	70	7	<0.26	<0.26	<0.26
trans-1,2-Dichloroethene	100	20	<0.26	<0.26	<0.26
1,2-Dichloropropane	5	0.5	<0.23	<0.23	<0.23
1,3-Dichloropropane			<0.50	<0.50	<0.50
2,2-Dichloropropane			<0.48	<0.48	<0.48
1,1-Dichloropropene			<0.44	<0.44	<0.44
cis-1,3-Dichloropropene	0.4	0.04	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	0.4	0.04	<0.23	<0.23	<0.23
Diisopropyl ether			<0.50	<0.50	<0.50
Ethylbenzene	700	140	<0.50	<0.50	<0.50
Hexachloro-1,3-butadiene			<2.1	<2.1	<2.1
Isopropylbenzene			<0.12	<0.12	<0.12
p-Isopropyltoluene			<0.50	<0.50	<0.50
Methylene Chloride	5	0.5	<0.23	<0.23	<0.23
Methyl t-Butyl Ether	60	12	<0.17	<0.17	<0.17
Naphthalene	100	10	<2.5	<2.5	<2.5
n-Propylbenzene			<0.50	<0.50	<0.50
Styrene	100	10	<0.50	<0.50	<0.50
1,1,1,2-Tetrachloroethane	70	7	<0.18	<0.18	<0.18
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	<0.25
Tetrachloroethylene	5	0.5	<b>5.0</b>	<0.50	<b>12.1</b>
Toluene	800	160	<0.50	<0.50	<0.50
1,2,3-Trichlorobenzene			<2.1	<2.1	<2.1
1,2,4-Trichlorobenzene	70	14	<2.2	<2.2	<2.2
1,1,1-Trichloroethane	200	40	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	5	0.5	<0.16	<0.16	<0.16
Trichloroethylene	5	0.5	<0.33	<0.33	<0.33
Trichlorofluoromethane	3,490	698	<0.17	<0.17	<0.17
1,2,3-Trichloropropane	60	12	<0.50	<0.50	<0.50
Total Trimethylbenzenes	480	96	<1	<1	<1
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.18
Total Xylenes	2,000	400	<1.5	<1.5	<1.5

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2r**  
**CPZ9 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ9			
			7/5/17	6/27/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>						
Benzene	5	0.5	<0.50	<0.50	<0.25	<0.25
Bromobenzene			<0.23	<0.23	<0.24	<0.24
Bromochloromethane			<0.34	<0.34	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.50	<0.50	<0.36	<0.36
Bromoform	4.4	0.44	<0.50	<0.50	<4.0	<4.0
Bromomethane	10	1	<2.4	<2.4	<0.97	<0.97
n-Butylbenzene			<0.50	<0.50	<0.71	<0.71
sec-Butylbenzene			<2.2	<2.2	<0.85	<0.85
tert-Butylbenzene			<0.18	<0.18	<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.50	<0.50	<0.17	<0.17
Chlorobenzene			<0.50	<0.50	<0.71	<0.71
Chloroethane	400	80	<0.37	<0.37	<1.3	<1.3
Chloroform	6	0.6	<2.5	<2.5	<1.3	<1.3
Chloromethane	30	3	<0.50	<0.50	<2.2	<2.2
2-Chlorotoluene			<0.50	<0.50	<0.93	<0.93
4-Chlorotoluene			<0.21	<0.21	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<2.2	<1.8	<1.8
Dibromochloromethane	60	6	<0.32	<0.32	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.16	<0.16	<0.83	<0.83
Dibromomethane			<0.43	<0.43	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.50	<0.50	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.50	<0.50	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.50	<0.50	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.16	<0.16	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.18	<0.18	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.18	<0.18	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.17	<0.17	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<0.26	9.2	13.3	11.1
trans-1,2-Dichloroethene	100	20	<0.26	13.4	18.0	11.7
1,2-Dichloropropane	5	0.5	<0.23	<0.23	<0.28	<0.28
1,3-Dichloropropane			<0.50	<0.50	<0.83	<0.83
2,2-Dichloropropane			<0.48	<0.48	<2.3	<2.3
1,1-Dichloropropene			<0.44	<0.44	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<0.50	<0.50	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<0.23	<0.23	<4.4	<4.4
Diisopropyl ether			<0.50	<0.50	<1.9	<1.9
Ethylbenzene	700	140	<0.50	<0.50	<0.22	<0.22
Hexachloro-1,3-butadiene			<2.1	<2.1	<1.2	<1.2
Isopropylbenzene			<0.12	<0.12	<0.39	<0.39
p-Isopropyltoluene			<0.50	<0.50	<0.80	<0.80
Methylene Chloride	5	0.5	<0.23	<0.23	<0.58	<0.58
Methyl t-Butyl Ether	60	12	<0.17	<0.17	<1.2	<1.2
Naphthalene	100	10	<2.5	<2.5	<1.2	<1.2
n-Propylbenzene			<0.50	<0.50	<0.81	<0.81
Styrene	100	10	<0.50	<0.50	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.18	<0.18	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	<0.28	<0.28
Tetrachloroethylene	5	0.5	1.9	2.7	2.4	3.3
Toluene	800	160	<0.50	<0.50	<0.17	<0.17
1,2,3-Trichlorobenzene			<2.1	<2.1	<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<2.2	<2.2	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.50	<0.50	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.16	<0.16	<0.55	<0.55
Trichloroethylene	5	0.5	0.49j	<b>8.7</b>	<b>11.4</b>	<b>8.7</b>
Trichlorofluoromethane	3,490	698	<0.17	<0.17	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.50	<0.50	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1	<1	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.17	<0.17
Total Xylenes	2,000	400	<1.5	<1.5	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2s**  
**CPZ10 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ10					
			7/5/17	6/27/18	7/13/18	4/24/19	8/13/19	
<b>Detected VOC's (ug/L)</b>								
Benzene	5	0.5	<0.50	<0.50	<0.50	<0.25	<0.25	
Bromobenzene			<0.23	<0.23	<0.23	<0.24	<0.24	
Bromochloromethane			<0.34	<0.34	<0.34	<0.36	<0.36	
Bromodichloromethane	0.6	0.06	<0.50	<0.50	<0.50	<0.36	<0.36	
Bromoform	4.4	0.44	<0.50	<0.50	<0.50	<4.0	<4.0	
Bromomethane	10	1	<2.4	<2.4	<2.4	<0.97	<0.97	
n-Butylbenzene			<0.50	<0.50	<0.50	<0.71	<0.71	
sec-Butylbenzene			<2.2	<2.2	<2.2	<0.85	<0.85	
tert-Butylbenzene			<0.18	<0.18	<0.18	<0.30	<0.30	
Carbon Tetrachloride	5	0.5	<0.50	<0.50	<0.50	<0.17	<0.17	
Chlorobenzene			<0.50	<0.50	<0.50	<0.71	<0.71	
Chloroethane	400	80	<0.37	<0.37	<0.37	<1.3	<1.3	
Chloroform	6	0.6	<2.5	<2.5	<2.5	<1.3	<1.3	
Chloromethane	30	3	<0.50	<0.50	<0.50	<2.2	<2.2	
2-Chlorotoluene			<0.50	<0.50	<0.50	<0.93	<0.93	
4-Chlorotoluene			<0.21	<0.21	<0.21	<0.76	<0.76	
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<2.2	<2.2	<1.8	<1.8	
Dibromochloromethane	60	6	<0.32	<0.32	<0.32	<2.6	<2.6	
1,2-Dibromoethane	0.05	0.005	<0.16	<0.16	<0.16	<0.83	<0.83	
Dibromomethane			<0.43	<0.43	<0.43	<0.94	<0.94	
1,2-Dichlorobenzene	600	60	<0.50	<0.50	<0.50	<0.71	<0.71	
1,3-Dichlorobenzene	600	120	<0.50	<0.50	<0.50	<0.63	<0.63	
1,4-Dichlorobenzene	75	15	<0.50	<0.50	<0.50	<0.94	<0.94	
Dichlorodifluoromethane	1,000	200	<0.16	<0.16	<0.16	<0.50	<0.50	
1,1-Dichloroethane	850	85	<0.18	<0.18	<0.18	<0.27	<0.27	
1,2-Dichloroethane	5	0.5	<0.18	<0.18	<0.18	<0.28	<0.28	
1,1-Dichloroethene	7	0.7	<0.17	<0.17	<0.17	<0.24	<0.24	
cis-1,2-Dichloroethene	70	7	0.48j	0.78j	1.2	1.2	1.1	
trans-1,2-Dichloroethene	100	20	<0.26	<0.26	<0.26	<1.1	<1.1	
1,2-Dichloropropane	5	0.5	<0.23	<0.23	<0.23	<0.28	<0.28	
1,3-Dichloropropane			<0.50	<0.50	<0.50	<0.83	<0.83	
2,2-Dichloropropane			<0.48	<0.48	<0.48	<2.3	<2.3	
1,1-Dichloropropene			<0.44	<0.44	<0.44	<0.54	<0.54	
cis-1,3-Dichloropropene	0.4	0.04	<0.50	<0.50	<0.50	<3.6	<3.6	
trans-1,3-Dichloropropene	0.4	0.04	<0.23	<0.23	<0.23	<4.4	<4.4	
Diisopropyl ether			<0.50	<0.50	<0.50	<1.9	<1.9	
Ethylbenzene	700	140	<0.50	<0.50	<0.50	<0.22	<0.22	
Hexachloro-1,3-butadiene			<2.1	<2.1	<2.1	<1.2	<1.2	
Isopropylbenzene			<0.12	<0.12	<0.12	<0.39	<0.39	
p-Isopropyltoluene			<0.50	<0.50	<0.50	<0.80	<0.80	
Methylene Chloride	5	0.5	<0.23	<0.23	<0.23	<0.58	<0.58	
Methyl t-Butyl Ether	60	12	<0.17	<0.17	<0.17	<1.2	<1.2	
Naphthalene	100	10	<2.5	<2.5	<2.5	<1.2	<1.2	
n-Propylbenzene			<0.50	<0.50	<0.50	<0.81	<0.81	
Styrene	100	10	<0.50	<0.50	<0.50	<0.47	<0.47	
1,1,1,2-Tetrachloroethane	70	7	<0.18	<0.18	<0.18	<0.27	<0.27	
1,1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	<0.25	<0.28	<0.28	
Tetrachloroethylene	5	0.5	<b>12.5</b>	<b>13.7</b>	<b>19.0</b>	<b>16.3</b>	<b>12.4</b>	
Toluene	800	160	<0.50	<0.50	<0.50	<0.17	<0.17	
1,2,3-Trichlorobenzene			<2.1	<2.1	<2.1	<0.63	<0.63	
1,2,4-Trichlorobenzene	70	14	<2.2	<2.2	<2.2	<0.95	<0.95	
1,1,1-Trichloroethane	200	40	<0.50	<0.50	<0.50	<0.24	<0.24	
1,1,2-Trichloroethane	5	0.5	<0.16	<0.16	<0.16	<0.55	<0.55	
Trichloroethylene	5	0.5	<b>14.6</b>	<b>21.4</b>	<b>29.8</b>	<b>29.6</b>	<b>28.8</b>	
Trichlorofluoromethane	3,490	698	<0.17	<0.17	<0.17	<0.21	<0.21	
1,2,3-Trichloropropane	60	12	<0.50	<0.50	<0.50	<0.59	<0.59	
Total Trimethylbenzenes	480	96	<1	<1	<1	<1.71	<1.71	
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.18	<0.17	<0.17	
Total Xylenes	2,000	400	<1.5	<1.5	<1.5	<0.73	<0.73	

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit



**Table 2t**  
**CPZ11 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ11					
			7/5/17	6/27/18	7/13/18	4/24/19	8/13/19	
<b>Detected VOC's (ug/L)</b>								
Benzene	5	0.5	<i>0.55j</i>	<i>1.0</i>	<i>0.74j</i>	<i>0.25j</i>	<i>0.63j</i>	
Bromobenzene			<0.23	<0.23	<0.23	<0.24	<0.24	
Bromochloromethane			<0.34	<0.34	<0.34	<0.36	<0.36	
Bromodichloromethane	0.6	0.06	<0.50	<0.50	<0.50	<0.36	<0.36	
Bromoform	4.4	0.44	<0.50	<0.50	<0.50	<4.0	<4.0	
Bromomethane	10	1	<2.4	<2.4	<2.4	<0.97	<0.97	
n-Butylbenzene			<0.50	<0.50	<0.50	<0.71	<0.71	
sec-Butylbenzene			<2.2	<2.2	<2.2	<0.85	<0.85	
tert-Butylbenzene			<0.18	<0.18	<0.18	<0.30	<0.30	
Carbon Tetrachloride	5	0.5	<0.50	<0.50	<0.50	<0.17	<0.17	
Chlorobenzene			<0.50	<0.50	<0.50	<0.71	<0.71	
Chloroethane	400	80	<0.37	<0.37	<0.37	<1.3	<1.3	
Chloroform	6	0.6	<2.5	<2.5	<2.5	<1.3	<1.3	
Chloromethane	30	3	<0.50	<0.50	<0.50	<2.2	<2.2	
2-Chlorotoluene			<0.50	<0.50	<0.50	<0.93	<0.93	
4-Chlorotoluene			<0.21	<0.21	<0.21	<0.76	<0.76	
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<2.2	<2.2	<1.8	<1.8	
Dibromochloromethane	60	6	<0.32	<0.32	<0.32	<2.6	<2.6	
1,2-Dibromoethane	0.05	0.005	<0.16	<0.16	<0.16	<0.83	<0.83	
Dibromomethane			<0.43	<0.43	<0.43	<0.94	<0.94	
1,2-Dichlorobenzene	600	60	<0.50	<0.50	<0.50	<0.71	<0.71	
1,3-Dichlorobenzene	600	120	<0.50	<0.50	<0.50	<0.63	<0.63	
1,4-Dichlorobenzene	75	15	<0.50	<0.50	<0.50	<0.94	<0.94	
Dichlorodifluoromethane	1,000	200	<0.16	<0.16	<0.16	<0.50	<0.50	
1,1-Dichloroethane	850	85	<0.18	<0.18	<0.18	<0.27	<0.27	
1,2-Dichloroethane	5	0.5	<0.18	<0.18	<0.18	<0.28	<0.28	
1,1-Dichloroethene	7	0.7	<0.17	<0.17	<0.17	<0.24	<0.24	
cis-1,2-Dichloroethene	70	7	1.2	3.8	2.3	5.4	3.9	
trans-1,2-Dichloroethene	100	20	<0.26	0.72j	0.52j	<1.1	<1.1	
1,2-Dichloropropane	5	0.5	<0.23	<0.23	<0.23	<0.28	<0.28	
1,3-Dichloropropane			<0.50	<0.50	<0.50	<0.83	<0.83	
2,2-Dichloropropane			<0.48	<0.48	<0.48	<2.3	<2.3	
1,1-Dichloropropene			<0.44	<0.44	<0.44	<0.54	<0.54	
cis-1,3-Dichloropropene	0.4	0.04	<0.50	<0.50	<0.50	<3.6	<3.6	
trans-1,3-Dichloropropene	0.4	0.04	<0.23	<0.23	<0.23	<4.4	<4.4	
Diisopropyl ether			<0.50	<0.50	<0.50	<1.9	<1.9	
Ethylbenzene	700	140	<0.50	<0.50	<0.50	<0.22	<0.22	
Hexachloro-1,3-butadiene			<2.1	<2.1	<2.1	<1.2	<1.2	
Isopropylbenzene			0.30j	<0.14	<0.14	<0.39	<0.39	
p-Isopropyltoluene			<0.50	<0.50	<0.50	<0.80	<0.80	
Methylene Chloride	5	0.5	<0.23	<0.23	<0.23	<0.58	<0.58	
Methyl t-Butyl Ether	60	12	3.1	5.7	3.5	6.4	2.9j	
Naphthalene	100	10	<2.5	<2.5	<2.5	<1.2	<1.2	
n-Propylbenzene			<0.50	<0.50	<0.50	<0.81	<0.81	
Styrene	100	10	<0.50	<0.50	<0.50	<0.47	<0.47	
1,1,1,2-Tetrachloroethane	70	7	<0.18	<0.18	<0.18	<0.27	<0.27	
1,1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	<0.25	<0.28	<0.28	
Tetrachloroethylene	5	0.5	<b>14.3</b>	<b>20.4</b>	<b>11.2</b>	<b>21.4</b>	<b>11.0</b>	
Toluene	800	160	<0.50	<0.50	<0.50	<0.17	<0.17	
1,2,3-Trichlorobenzene			<2.1	<2.1	<2.1	<0.63	<0.63	
1,2,4-Trichlorobenzene	70	14	<2.2	<2.2	<2.2	<0.95	<0.95	
1,1,1-Trichloroethane	200	40	<0.50	<0.50	<0.50	<0.24	<0.24	
1,1,2-Trichloroethane	5	0.5	<0.16	<0.16	<0.16	<0.55	<0.55	
Trichloroethylene	5	0.5	<b>17.8</b>	<b>28.7</b>	<b>16.8</b>	<b>39.0</b>	<b>25.2</b>	
Trichlorofluoromethane	3,490	698	<0.17	<0.17	<0.17	<0.21	<0.21	
1,2,3-Trichloropropane	60	12	<0.50	<0.50	<0.50	<0.59	<0.59	
Total Trimethylbenzenes	480	96	<1	<1	<1	<1.71	<1.71	
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.18	<0.17	<0.17	
Total Xylenes	2,000	400	<1.5	<1.5	<1.5	<0.73	<0.73	

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2u**  
**CPZ12 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ12			
			6/27/18	7/13/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>						
Benzene	5	0.5	<0.50	<0.50	<0.25	<0.25
Bromobenzene			<0.23	<0.23	<0.24	<0.24
Bromochloromethane			<0.34	<0.34	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.50	<0.50	<0.36	<0.36
Bromoform	4.4	0.44	<0.50	<0.50	<4.0	<4.0
Bromomethane	10	1	<2.4	<2.4	<0.97	<0.97
n-Butylbenzene			<0.50	<0.50	<0.71	<0.71
sec-Butylbenzene			<2.2	<2.2	<0.85	<0.85
tert-Butylbenzene			<0.18	<0.18	<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.50	<0.50	<0.17	<0.17
Chlorobenzene			<0.50	<0.50	<0.71	<0.71
Chloroethane	400	80	<0.37	<0.37	<1.3	<1.3
Chloroform	6	0.6	<2.5	<2.5	<1.3	<1.3
Chloromethane	30	3	<0.50	<0.50	<2.2	<2.2
2-Chlorotoluene			<0.50	<0.50	<0.93	<0.93
4-Chlorotoluene			<0.21	<0.21	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<2.2	<1.8	<1.8
Dibromochloromethane	60	6	<0.32	<0.32	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.16	<0.16	<0.83	<0.83
Dibromomethane			<0.43	<0.43	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.50	<0.50	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.50	<0.50	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.50	<0.50	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.16	<0.16	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.18	<0.18	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.18	<0.18	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.17	<0.17	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<i>40.3</i>	<i>30.0</i>	<i>33.7</i>	<i>34.8</i>
trans-1,2-Dichloroethene	100	20	<i>63.4</i>	<i>44.9</i>	<i>52.5</i>	<i>40.6</i>
1,2-Dichloropropane	5	0.5	<0.23	<0.23	<0.28	<0.28
1,3-Dichloropropane			<0.50	<0.50	<0.83	<0.83
2,2-Dichloropropane			<0.48	<0.48	<2.3	<2.3
1,1-Dichloropropene			<0.44	<0.44	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<0.50	<0.50	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<0.23	<0.23	<4.4	<4.4
Diisopropyl ether			<0.50	<0.50	<1.9	<1.9
Ethylbenzene	700	140	<0.50	<0.50	<0.22	<0.22
Hexachloro-1,3-butadiene			<2.1	<2.1	<1.2	<1.2
Isopropylbenzene			<0.14	<0.14	<0.39	<0.39
p-Isopropyltoluene			<0.50	<0.50	<0.80	<0.80
Methylene Chloride	5	0.5	<0.23	<0.23	<0.58	<0.58
Methyl t-Butyl Ether	60	12	5.7	5.7	<1.2	<1.2
Naphthalene	100	10	<2.5	<2.5	<1.2	<1.2
n-Propylbenzene			<0.50	<0.50	<0.81	<0.81
Styrene	100	10	<0.50	<0.50	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.18	<0.18	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	<0.28	<0.28
Tetrachloroethylene	5	0.5	<0.50	<0.50	<i>0.82j</i>	<0.33
Toluene	800	160	<0.50	<0.50	<0.17	<0.17
1,2,3-Trichlorobenzene			<2.1	<2.1	<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<2.2	<2.2	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.50	<0.50	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.16	<0.16	<0.55	<0.55
Trichloroethylene	5	0.5	<b>63.6</b>	<b>46.6</b>	<b>73.7</b>	<b>71.7</b>
Trichlorofluoromethane	3,490	698	<0.17	<0.17	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.50	<0.50	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1	<1	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.17	<0.17
Total Xylenes	2,000	400	<1.5	<1.5	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2v**  
**CPZ13 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ13			
			6/27/18	7/13/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>						
Benzene	5	0.5	<i>0.68j</i>	<i>0.55j</i>	<i>0.63j</i>	<i>0.75j</i>
Bromobenzene			<0.23	<0.23	<0.24	<0.24
Bromochloromethane			<0.34	<0.34	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.50	<0.50	<0.36	<0.36
Bromoform	4.4	0.44	<0.50	<0.50	<4.0	<4.0
Bromomethane	10	1	<2.4	<2.4	<0.97	<0.97
n-Butylbenzene			<0.50	<0.50	<0.71	<0.71
sec-Butylbenzene			<2.2	<2.2	<0.85	<0.85
tert-Butylbenzene			<0.18	<0.18	<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.50	<0.50	<0.17	<0.17
Chlorobenzene			<0.50	<0.50	<0.71	<0.71
Chloroethane	400	80	<0.37	<0.37	<1.3	<1.3
Chloroform	6	0.6	<2.5	<2.5	<1.3	<1.3
Chloromethane	30	3	<0.50	<0.50	<2.2	<2.2
2-Chlorotoluene			<0.50	<0.50	<0.93	<0.93
4-Chlorotoluene			<0.21	<0.21	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.2	<2.2	<1.8	<1.8
Dibromochloromethane	60	6	<0.32	<0.32	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.16	<0.16	<0.83	<0.83
Dibromomethane			<0.43	<0.43	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.50	<0.50	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.50	<0.50	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.50	<0.50	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.16	<0.16	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.18	<0.18	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.18	<0.18	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.17	<0.17	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<i>48.7</i>	<i>34.1</i>	<i>45.9</i>	<i>48.4</i>
trans-1,2-Dichloroethene	100	20	<i>73.3</i>	<i>51.1</i>	<i>72.0</i>	<i>54.0</i>
1,2-Dichloropropane	5	0.5	<0.23	<0.23	<0.28	<0.28
1,3-Dichloropropane			<0.50	<0.50	<0.83	<0.83
2,2-Dichloropropane			<0.48	<0.48	<2.3	<2.3
1,1-Dichloropropene			<0.44	<0.44	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<0.50	<0.50	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<0.23	<0.23	<4.4	<4.4
Diisopropyl ether			<0.50	<0.50	<1.9	<1.9
Ethylbenzene	700	140	<0.50	<0.50	<0.22	<0.22
Hexachloro-1,3-butadiene			<2.1	<2.1	<1.2	<1.2
Isopropylbenzene			<0.14	0.30j	<0.39	<0.39
p-Isopropyltoluene			<0.50	<0.50	<0.80	<0.80
Methylene Chloride	5	0.5	<0.23	<0.23	<0.58	<0.58
Methyl t-Butyl Ether	60	12	0.81j	0.76j	<1.2	<1.2
Naphthalene	100	10	<2.5	<2.5	<1.2	<1.2
n-Propylbenzene			<0.50	<0.50	<0.81	<0.81
Styrene	100	10	<0.50	<0.50	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.18	<0.18	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	<0.28	<0.28
Tetrachloroethylene	5	0.5	<0.50	<b>14.4</b>	<i>1.6</i>	<0.33
Toluene	800	160	<0.50	<0.50	<0.17	<0.17
1,2,3-Trichlorobenzene			<2.1	<2.1	<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<2.2	<2.2	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.50	<0.50	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.16	<0.16	<0.55	<0.55
Trichloroethylene	5	0.5	<b>43.6</b>	<b>40.5</b>	<b>47.3</b>	<b>39.9</b>
Trichlorofluoromethane	3,490	698	<0.17	<0.17	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.50	<0.50	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1	<1	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.18	<0.18	<0.17	<0.17
Total Xylenes	2,000	400	<1.5	<1.5	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2w**  
**CPZ14 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ14			
			6/27/18	7/13/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>						
Benzene	5	0.5	<1.2	<1.0	<0.49	<0.49
Bromobenzene			<0.58	<0.46	<0.48	<0.48
Bromochloromethane			<0.85	<0.68	<0.72	<0.72
Bromodichloromethane	0.6	0.06	<1.2	<1.0	<0.73	<0.73
Bromoform	4.4	0.44	<1.2	<1.0	<7.9	<7.9
Bromomethane	10	1	<6.1	<4.9	<1.9	<1.9
n-Butylbenzene			<1.2	<1.0	<1.4	<1.4
sec-Butylbenzene			<5.5	<4.4	<1.7	<1.7
tert-Butylbenzene			<0.45	<0.36	<0.61	<0.61
Carbon Tetrachloride	5	0.5	<1.2	<1.0	<0.33	<0.33
Chlorobenzene			<1.2	<1.0	<1.4	<1.4
Chloroethane	400	80	<0.94	<0.75	<2.7	<2.7
Chloroform	6	0.6	<6.2	<5.0	<2.5	<2.5
Chloromethane	30	3	<1.2	<1.0	<4.4	<4.4
2-Chlorotoluene			<1.2	<1.0	<1.9	<1.9
4-Chlorotoluene			<0.53	<0.43	<1.5	<1.5
1,2-Dibromo-3-chloropropane	0.2	0.02	<5.4	<4.3	<3.5	<3.5
Dibromochloromethane	60	6	<1.2	<1.0	<5.2	<5.2
1,2-Dibromoethane	0.05	0.005	<0.44	<0.36	<1.7	<1.7
Dibromomethane			<1.1	<0.85	<1.9	<1.9
1,2-Dichlorobenzene	600	60	<1.2	<1.0	<1.4	<1.4
1,3-Dichlorobenzene	600	120	<1.2	<1.0	<1.3	<1.3
1,4-Dichlorobenzene	75	15	<1.2	<1.0	<1.9	<1.9
Dichlorodifluoromethane	1,000	200	<0.56	<0.45	<1.0	<1.0
1,1-Dichloroethane	850	85	<0.60	<0.48	<0.55	<0.55
1,2-Dichloroethane	5	0.5	<0.42	<0.34	<0.56	<0.56
1,1-Dichloroethene	7	0.7	<1.0	<0.82	<0.49	<0.49
cis-1,2-Dichloroethene	70	7	0.75j	1.4j	0.82j	1.1j
trans-1,2-Dichloroethene	100	20	0.96j	1.9j	<2.2	<2.2
1,2-Dichloropropane	5	0.5	<0.58	<0.14	<0.57	<0.57
1,3-Dichloropropane			<1.2	<1.0	<1.7	<1.7
2,2-Dichloropropane			<1.2	<0.97	<4.5	<4.5
1,1-Dichloropropene			<1.1	<0.88	<1.1	<1.1
cis-1,3-Dichloropropene	0.4	0.04	<1.2	<1.0	<7.3	<7.3
trans-1,3-Dichloropropene	0.4	0.04	<0.57	<0.46	<8.7	<8.7
Diisopropyl ether			<1.2	<1.0	<3.8	<3.8
Ethylbenzene	700	140	<1.2	<1.0	<0.44	<0.44
Hexachloro-1,3-butadiene			<5.3	<4.2	<2.4	<2.4
Isopropylbenzene			<0.36	<0.29	<0.79	<0.79
p-Isopropyltoluene			<1.2	<1.0	<1.6	<1.6
Methylene Chloride	5	0.5	<0.58	<0.47	<1.2	<1.2
Methyl t-Butyl Ether	60	12	<0.44	<0.35	<2.5	<2.5
Naphthalene	100	10	<6.2	<5.0	<2.4	<2.4
n-Propylbenzene			<1.2	<1.0	<1.6	<1.6
Styrene	100	10	<1.2	<1.0	<0.93	<0.93
1,1,1,2-Tetrachloroethane	70	7	<0.45	<0.36	<0.54	<0.54
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.62	<0.50	<0.55	<0.55
Tetrachloroethylene	5	0.5	<b>130</b>	<b>150</b>	<b>188</b>	<b>119</b>
Toluene	800	160	<1.2	<1.0	<0.34	<0.34
1,2,3-Trichlorobenzene			<5.3	<4.3	<1.3	<1.3
1,2,4-Trichlorobenzene	70	14	<5.5	<4.4	<1.9	<1.9
1,1,1-Trichloroethane	200	40	<1.2	<1.0	<0.49	<0.49
1,1,2-Trichloroethane	5	0.5	<0.49	<0.39	<1.1	<1.1
Trichloroethylene	5	0.5	<b>17.5</b>	<b>21.5</b>	<b>26.6</b>	<b>19.2</b>
Trichlorofluoromethane	3,490	698	<0.46	<0.37	<0.43	<0.43
1,2,3-Trichloropropane	60	12	<1.2	<1.0	<1.2	<1.2
Total Trimethylbenzenes	480	96	<2.4	<2	<1.4	<1.4
Vinyl Chloride	0.2	0.02	<0.44	<0.35	<0.35	<0.35
Total Xylenes	2,000	400	<3.7	<3	<1.45	<1.45

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2x**  
**CPZ15 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ15		
			10/1/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>					
Benzene	5	0.5	<0.25	<0.25	<0.25
Bromobenzene			<0.24	<0.24	<0.24
Bromochloromethane			<0.36	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.36	<0.36	<0.36
Bromoform	4.4	0.44	<4.0	<4.0	<4.0
Bromomethane	10	1	<0.97	<0.97	<0.97
n-Butylbenzene			<0.71	<0.71	<0.71
sec-Butylbenzene			<0.85	<0.85	<0.85
tert-Butylbenzene			<0.30	<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.17	<0.17	<0.17
Chlorobenzene			<0.71	<0.71	<0.71
Chloroethane	400	80	<1.3	<1.3	<1.3
Chloroform	6	0.6	<1.3	<1.3	<1.3
Chloromethane	30	3	<2.2	<2.2	<2.2
2-Chlorotoluene			<0.93	<0.93	<0.93
4-Chlorotoluene			<0.76	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.8	<1.8	<1.8
Dibromochloromethane	60	6	<2.6	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.83	<0.83	<0.83
Dibromomethane			<0.94	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.71	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.63	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.94	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.27	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.28	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.24	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<i>31.9</i>	<i>39.9</i>	<i>39.7</i>
trans-1,2-Dichloroethene	100	20	<i>50.8</i>	<i>61.6</i>	<i>47.3</i>
1,2-Dichloropropane	5	0.5	<0.28	<0.28	<0.28
1,3-Dichloropropane			<0.83	<0.83	<0.83
2,2-Dichloropropane			<2.3	<2.3	<2.3
1,1-Dichloropropene			<0.54	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<3.6	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<4.4	<4.4	<4.4
Diisopropyl ether			<1.9	<1.9	<1.9
Ethylbenzene	700	140	<0.22	<0.22	<0.22
Hexachloro-1,3-butadiene			<1.2	<1.2	<1.2
Isopropylbenzene			<0.39	<0.39	<0.39
p-Isopropyltoluene			<0.80	<0.80	<0.80
Methylene Chloride	5	0.5	<0.58	<0.58	<0.58
Methyl t-Butyl Ether	60	12	<1.2	<1.2	<1.2
Naphthalene	100	10	<1.2	<1.2	<1.2
n-Propylbenzene			<0.81	<0.81	<0.81
Styrene	100	10	<0.47	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.27	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.28	<0.28	<0.28
Tetrachloroethylene	5	0.5	<0.33	<0.33	<0.33
Toluene	800	160	<0.17	<0.17	<0.17
1,2,3-Trichlorobenzene			<0.63	<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<0.95	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.24	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.55	<0.55	<0.55
Trichloroethylene	5	0.5	<b>29.4</b>	<b>47.2</b>	<b>39.1</b>
Trichlorofluoromethane	3,490	698	<0.21	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.59	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1.71	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.17	<0.17	<0.17
Total Xylenes	2,000	400	<0.73	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2y**  
**CPZ16 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ16		
			10/1/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>					
Benzene	5	0.5	<0.25	<0.25	<0.25
Bromobenzene			<0.24	<0.24	<0.24
Bromochloromethane			<0.36	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.36	<0.36	<0.36
Bromoform	4.4	0.44	<4.0	<4.0	<4.0
Bromomethane	10	1	<0.97	<0.97	<0.97
n-Butylbenzene			<0.71	<0.71	<0.71
sec-Butylbenzene			<0.85	<0.85	<0.85
tert-Butylbenzene			<0.30	<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.17	<0.17	<0.17
Chlorobenzene			<0.71	<0.71	<0.71
Chloroethane	400	80	<1.3	<1.3	<1.3
Chloroform	6	0.6	<1.3	<1.3	<1.3
Chloromethane	30	3	<2.2	<2.2	<2.2
2-Chlorotoluene			<0.93	<0.93	<0.93
4-Chlorotoluene			<0.76	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.8	<1.8	<1.8
Dibromochloromethane	60	6	<2.6	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.83	<0.83	<0.83
Dibromomethane			<0.94	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.71	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.63	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.94	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.27	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.28	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.24	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<i>26.0</i>	<i>16.0</i>	<i>21.3</i>
trans-1,2-Dichloroethene	100	20	<i>38.7</i>	<i>20.3</i>	<i>23.8</i>
1,2-Dichloropropane	5	0.5	<0.28	<0.28	<0.28
1,3-Dichloropropane			<0.83	<0.83	<0.83
2,2-Dichloropropane			<2.3	<2.3	<2.3
1,1-Dichloropropene			<0.54	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<3.6	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<4.4	<4.4	<4.4
Diisopropyl ether			<1.9	<1.9	<1.9
Ethylbenzene	700	140	<0.22	<0.22	<0.22
Hexachloro-1,3-butadiene			<1.2	<1.2	<1.2
Isopropylbenzene			<0.39	<0.39	<0.39
p-Isopropyltoluene			<0.80	<0.80	<0.80
Methylene Chloride	5	0.5	<0.58	<0.58	<0.58
Methyl t-Butyl Ether	60	12	<1.2	<1.2	<1.2
Naphthalene	100	10	<1.2	<1.2	<1.2
n-Propylbenzene			<0.81	<0.81	<0.81
Styrene	100	10	<0.47	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.27	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.28	<0.28	<0.28
Tetrachloroethylene	5	0.5	<0.33	<0.33	<0.33
Toluene	800	160	<0.17	<0.17	<0.17
1,2,3-Trichlorobenzene			<0.63	<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<0.95	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.24	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.55	<0.55	<0.55
Trichloroethylene	5	0.5	<b>31.7</b>	<b>27.7</b>	<b>41.9</b>
Trichlorofluoromethane	3,490	698	<0.21	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.59	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1.71	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.17	<0.17	<0.17
Total Xylenes	2,000	400	<0.73	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2z**  
**CPZ17 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ17		
			10/1/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>					
Benzene	5	0.5	<0.25	<0.25	<0.25
Bromobenzene			<0.24	<0.24	<0.24
Bromochloromethane			<0.36	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.36	<0.36	<0.36
Bromoform	4.4	0.44	<4.0	<4.0	<4.0
Bromomethane	10	1	<0.97	<0.97	<0.97
n-Butylbenzene			<0.71	<0.71	<0.71
sec-Butylbenzene			<0.85	<0.85	<0.85
tert-Butylbenzene			<0.30	<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.17	<0.17	<0.17
Chlorobenzene			<0.71	<0.71	<0.71
Chloroethane	400	80	<1.3	<1.3	<1.3
Chloroform	6	0.6	<1.3	<1.3	<1.3
Chloromethane	30	3	<2.2	<2.2	<2.2
2-Chlorotoluene			<0.93	<0.93	<0.93
4-Chlorotoluene			<0.76	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.8	<1.8	<1.8
Dibromochloromethane	60	6	<2.6	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.83	<0.83	<0.83
Dibromomethane			<0.94	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.71	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.63	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.94	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.27	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.28	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.24	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<0.27	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	<1.1	<1.1	<1.1
1,2-Dichloropropane	5	0.5	<0.28	<0.28	<0.28
1,3-Dichloropropane			<0.83	<0.83	<0.83
2,2-Dichloropropane			<2.3	<2.3	<2.3
1,1-Dichloropropene			<0.54	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<3.6	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<4.4	<4.4	<4.4
Diisopropyl ether			<1.9	<1.9	<1.9
Ethylbenzene	700	140	<0.22	<0.22	<0.22
Hexachloro-1,3-butadiene			<1.2	<1.2	<1.2
Isopropylbenzene			<0.39	<0.39	<0.39
p-Isopropyltoluene			<0.80	<0.80	<0.80
Methylene Chloride	5	0.5	<0.58	<0.58	<0.58
Methyl t-Butyl Ether	60	12	<1.2	<1.2	<1.2
Naphthalene	100	10	<1.2	<1.2	<1.2
n-Propylbenzene			<0.81	<0.81	<0.81
Styrene	100	10	<0.47	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.27	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.28	<0.28	<0.28
Tetrachloroethylene	5	0.5	<b>12.9</b>	<b>75.5</b>	<b>41.1</b>
Toluene	800	160	<0.17	<0.17	<0.17
1,2,3-Trichlorobenzene			<0.63	<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<0.95	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.24	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.55	<0.55	<0.55
Trichloroethylene	5	0.5	<i>1.3</i>	<i>2.1</i>	<i>2.5</i>
Trichlorofluoromethane	3,490	698	<0.21	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.59	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1.71	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.17	<0.17	<0.17
Total Xylenes	2,000	400	<0.73	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2aa**  
**CPZ18 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ18		
			10/1/18	4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>					
Benzene	5	0.5	<0.25	<0.25	<0.25
Bromobenzene			<0.24	<0.24	<0.24
Bromochloromethane			<0.36	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.36	<0.36	<0.36
Bromoform	4.4	0.44	<4.0	<4.0	<4.0
Bromomethane	10	1	<0.97	<0.97	<0.97
n-Butylbenzene			<0.71	<0.71	<0.71
sec-Butylbenzene			<0.85	<0.85	<0.85
tert-Butylbenzene			<0.30	<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.17	<0.17	<0.17
Chlorobenzene			<0.71	<0.71	<0.71
Chloroethane	400	80	<1.3	<1.3	<1.3
Chloroform	6	0.6	<1.3	<1.3	<1.3
Chloromethane	30	3	<2.2	<2.2	<2.2
2-Chlorotoluene			<0.93	<0.93	<0.93
4-Chlorotoluene			<0.76	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.8	<1.8	<1.8
Dibromochloromethane	60	6	<2.6	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.83	<0.83	<0.83
Dibromomethane			<0.94	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.71	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.63	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.94	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.27	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.28	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.24	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	0.89j	11.1	14.7
trans-1,2-Dichloroethene	100	20	1.1j	16.0	15.3
1,2-Dichloropropane	5	0.5	<0.28	<0.28	<0.28
1,3-Dichloropropane			<0.83	<0.83	<0.83
2,2-Dichloropropane			<2.3	<2.3	<2.3
1,1-Dichloropropene			<0.54	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<3.6	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<4.4	<4.4	<4.4
Diisopropyl ether			<1.9	<1.9	<1.9
Ethylbenzene	700	140	<0.22	<0.22	<0.22
Hexachloro-1,3-butadiene			<1.2	<1.2	<1.2
Isopropylbenzene			<0.39	<0.39	<0.39
p-Isopropyltoluene			<0.80	<0.80	<0.80
Methylene Chloride	5	0.5	<0.58	<0.58	<0.58
Methyl t-Butyl Ether	60	12	<1.2	<1.2	<1.2
Naphthalene	100	10	<1.2	<1.2	<1.2
n-Propylbenzene			<0.81	<0.81	<0.81
Styrene	100	10	<0.47	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.27	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.28	<0.28	<0.28
Tetrachloroethylene	5	0.5	0.36j	<b>14.2</b>	<b>9.7</b>
Toluene	800	160	<0.17	<0.17	<0.17
1,2,3-Trichlorobenzene			<0.63	<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<0.95	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.24	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.55	<0.55	<0.55
Trichloroethylene	5	0.5	1.3	<b>25.8</b>	<b>28.4</b>
Trichlorofluoromethane	3,490	698	<0.21	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.59	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1.71	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.17	<0.17	<0.17
Total Xylenes	2,000	400	<0.73	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit



**Table 2ab**  
**CPZ19 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ19	
			4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>				
Benzene	5	0.5	<0.25	<0.25
Bromobenzene			<0.24	<0.24
Bromochloromethane			<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.36	<0.36
Bromoform	4.4	0.44	<4.0	<4.0
Bromomethane	10	1	<0.97	<0.97
n-Butylbenzene			<0.71	<0.71
sec-Butylbenzene			<0.85	<0.85
tert-Butylbenzene			<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.17	<0.17
Chlorobenzene			<0.71	<0.71
Chloroethane	400	80	<1.3	<1.3
Chloroform	6	0.6	<1.3	<1.3
Chloromethane	30	3	<2.2	<2.2
2-Chlorotoluene			<0.93	<0.93
4-Chlorotoluene			<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.8	<1.8
Dibromochloromethane	60	6	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.83	<0.83
Dibromomethane			<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	<1.1	<1.1
1,2-Dichloropropane	5	0.5	<0.28	<0.28
1,3-Dichloropropane			<0.83	<0.83
2,2-Dichloropropane			<2.3	<2.3
1,1-Dichloropropene			<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<4.4	<4.4
Diisopropyl ether			<1.9	<1.9
Ethylbenzene	700	140	<0.22	<0.22
Hexachloro-1,3-butadiene			<1.2	<1.2
Isopropylbenzene			<0.39	<0.39
p-Isopropyltoluene			<0.80	<0.80
Methylene Chloride	5	0.5	<0.58	<0.58
Methyl t-Butyl Ether	60	12	<1.2	<1.2
Naphthalene	100	10	<1.2	<1.2
n-Propylbenzene			<0.81	<0.81
Styrene	100	10	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.28	<0.28
Tetrachloroethylene	5	0.5	2.0	2.7
Toluene	800	160	<0.17	<0.17
1,2,3-Trichlorobenzene			<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.55	<0.55
Trichloroethylene	5	0.5	<i>0.82j</i>	<i>1.6</i>
Trichlorofluoromethane	3,490	698	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.17	<0.17
Total Xylenes	2,000	400	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2ac**  
**CPZ20 Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ20	
			4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>				
Benzene	5	0.5	<0.25	<0.25
Bromobenzene			<0.24	<0.24
Bromochloromethane			<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.36	<0.36
Bromoform	4.4	0.44	<4.0	<4.0
Bromomethane	10	1	<0.97	<0.97
n-Butylbenzene			<0.71	<0.71
sec-Butylbenzene			<0.85	<0.85
tert-Butylbenzene			<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.17	<0.17
Chlorobenzene			<0.71	<0.71
Chloroethane	400	80	<1.3	<1.3
Chloroform	6	0.6	<1.3	<1.3
Chloromethane	30	3	<2.2	<2.2
2-Chlorotoluene			<0.93	<0.93
4-Chlorotoluene			<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.8	<1.8
Dibromochloromethane	60	6	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.83	<0.83
Dibromomethane			<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	27.7	<0.27
trans-1,2-Dichloroethene	100	20	5.5	<1.1
1,2-Dichloropropane	5	0.5	<0.28	<0.28
1,3-Dichloropropane			<0.83	<0.83
2,2-Dichloropropane			<2.3	<2.3
1,1-Dichloropropene			<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<4.4	<4.4
Diisopropyl ether			<1.9	<1.9
Ethylbenzene	700	140	<0.22	<0.22
Hexachloro-1,3-butadiene			<1.2	<1.2
Isopropylbenzene			<0.39	<0.39
p-Isopropyltoluene			<0.80	<0.80
Methylene Chloride	5	0.5	<0.58	<0.58
Methyl t-Butyl Ether	60	12	<1.2	<1.2
Naphthalene	100	10	<1.2	<1.2
n-Propylbenzene			<0.81	<0.81
Styrene	100	10	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.28	<0.28
Tetrachloroethylene	5	0.5	<0.33	<0.33
Toluene	800	160	<0.17	<0.17
1,2,3-Trichlorobenzene			<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.55	<0.55
Trichloroethylene	5	0.5	<b>10.1</b>	<0.26
Trichlorofluoromethane	3,490	698	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.17	<0.17
Total Xylenes	2,000	400	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2ad**  
**CPZ5D Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	CPZ5D	
			4/24/19	8/13/19
<b>Detected VOC's (ug/L)</b>				
Benzene	5	0.5	<0.25	<0.25
Bromobenzene			<0.24	<0.24
Bromochloromethane			<0.36	<0.36
Bromodichloromethane	0.6	0.06	0.46j	0.46j
Bromoform	4.4	0.44	<4.0	<4.0
Bromomethane	10	1	<0.97	<0.97
n-Butylbenzene			<0.71	<0.71
sec-Butylbenzene			<0.85	<0.85
tert-Butylbenzene			<0.30	<0.30
Carbon Tetrachloride	5	0.5	<0.17	<0.17
Chlorobenzene			<0.71	<0.71
Chloroethane	400	80	<1.3	<1.3
Chloroform	6	0.6	4.5j	4.0j
Chloromethane	30	3	<2.2	<2.2
2-Chlorotoluene			<0.93	<0.93
4-Chlorotoluene			<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.8	<1.8
Dibromochloromethane	60	6	<2.6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.83	<0.83
Dibromomethane			<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.94	<0.94
Dichlorodifluoromethane	1,000	200	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	0.99j	0.85j
trans-1,2-Dichloroethene	100	20	1.3j	<1.1
1,2-Dichloropropane	5	0.5	<0.28	<0.28
1,3-Dichloropropane			<0.83	<0.83
2,2-Dichloropropane			<2.3	<2.3
1,1-Dichloropropene			<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<4.4	<4.4
Diisopropyl ether			<1.9	<1.9
Ethylbenzene	700	140	<0.22	<0.22
Hexachloro-1,3-butadiene			<1.2	<1.2
Isopropylbenzene			<0.39	<0.39
p-Isopropyltoluene			<0.80	<0.80
Methylene Chloride	5	0.5	<0.58	<0.58
Methyl t-Butyl Ether	60	12	<1.2	<1.2
Naphthalene	100	10	<1.2	<1.2
n-Propylbenzene			<0.81	<0.81
Styrene	100	10	<0.47	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.28	<0.28
Tetrachloroethylene	5	0.5	<b>91.3</b>	<b>51.8</b>
Toluene	800	160	<0.17	<0.17
1,2,3-Trichlorobenzene			<0.63	<0.63
1,2,4-Trichlorobenzene	70	14	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.55	<0.55
Trichloroethylene	5	0.5	<b>47.6</b>	<b>33.8</b>
Trichlorofluoromethane	3,490	698	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.59	<0.59
Total Trimethylbenzenes	480	96	<1.71	<1.71
Vinyl Chloride	0.2	0.02	<0.17	<0.17
Total Xylenes	2,000	400	<0.73	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 2ae**  
**Sprinkler Well Groundwater Analytical Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

PARAMETER	ES	PAL	Boenski
			531 Lee St. 8/13/19
<b>Detected VOC's (ug/L)</b>			
Benzene	5	0.5	<0.25
Bromobenzene			<0.24
Bromochloromethane			<0.36
Bromodichloromethane	0.6	0.06	<0.36
Bromoform	4.4	0.44	<4.0
Bromomethane	10	1	<0.97
n-Butylbenzene			<0.71
sec-Butylbenzene			<0.85
tert-Butylbenzene			<0.30
Carbon Tetrachloride	5	0.5	<0.17
Chlorobenzene			<0.71
Chloroethane	400	80	<1.3
Chloroform	6	0.6	<1.3
Chloromethane	30	3	<2.2
2-Chlorotoluene			<0.93
4-Chlorotoluene			<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.8
Dibromochloromethane	60	6	<2.6
1,2-Dibromoethane	0.05	0.005	<0.83
Dibromomethane			<0.94
1,2-Dichlorobenzene	600	60	<0.71
1,3-Dichlorobenzene	600	120	<0.63
1,4-Dichlorobenzene	75	15	<0.94
Dichlorodifluoromethane	1,000	200	<0.50
1,1-Dichloroethane	850	85	<0.27
1,2-Dichloroethane	5	0.5	<0.28
1,1-Dichloroethene	7	0.7	<0.24
cis-1,2-Dichloroethene	70	7	<0.27
trans-1,2-Dichloroethene	100	20	<1.1
1,2-Dichloropropane	5	0.5	<0.28
1,3-Dichloropropane			<0.83
2,2-Dichloropropane			<2.3
1,1-Dichloropropene			<0.54
cis-1,3-Dichloropropene	0.4	0.04	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<4.4
Diisopropyl ether			<1.9
Ethylbenzene	700	140	<0.22
Hexachloro-1,3-butadiene			<1.2
Isopropylbenzene			<0.39
p-Isopropyltoluene			<0.80
Methylene Chloride	5	0.5	<0.58
Methyl t-Butyl Ether	60	12	<1.2
Naphthalene	100	10	<1.2
n-Propylbenzene			<0.81
Styrene	100	10	<0.47
1,1,1,2-Tetrachloroethane	70	7	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.28
Tetrachloroethylene	5	0.5	<b>18.8</b>
Toluene	800	160	<0.17
1,2,3-Trichlorobenzene			<0.63
1,2,4-Trichlorobenzene	70	14	<0.95
1,1,1-Trichloroethane	200	40	<0.24
1,1,2-Trichloroethane	5	0.5	<0.55
Trichloroethylene	5	0.5	3.5
Trichlorofluoromethane	3,490	698	<0.21
1,2,3-Trichloropropane	60	12	<0.59
Total Trimethylbenzenes	480	96	<1.71
Vinyl Chloride	0.2	0.02	<0.17
Total Xylenes	2,000	400	<0.73

PAL = Preventative Action Limit

ES = Enforcement Standards

<b>BOLD</b>
<i>Italic</i>

j = Estimated Concentration Between Method Detection Limit and Reporting Limit

**Table 3  
Groundwater Level Data  
Former Normington Dry Cleaners  
Wisconsin Rapids, WI**

	PZ1	DPRA-PZ1	CPZ1	CPZ2	CPZ3	CPZ4	CPZ4r	CPZ5	CPZ6	PZWR2	PZWR3	MW2r	CZPZ7	CPZ8	CPZ9	CPZ10	CPZ11	CPZ12	CPZ13	CPZ14	CPZ15	CPZ16	CPZ17	CPZ18	CPZ19	CPZ20	CPZ5D	
Ground Surface Elevation	1027.27	1026.88	1027.15	1027.13	1027.20	1028.01	1028.03	1027.00	1027.31	1027.13	1027.45	1028.03	1027.47	1027.71	1028.20	1028.08	1027.88	1026.12	1026.36	1026.88	1026.87	1026.57	1026.53	1025.82	1027.77	1005.80	1027.24	
Top of Casing Elevation	1026.91	1026.47	1026.75	1026.66	1026.77	1027.53	1027.61	1026.76	1027.03	1026.71	1026.95	1027.56	1027.18	1027.22	1027.56	1027.43	1027.37	1025.73	1025.84	1026.46	1026.32	1026.18	1026.19	1025.31	1027.54	1005.34	1026.59	
Top of Screen Elevation	1001.90	997.72	996.47	996.88	1002.70	1003.16	997.71	991.47	979.98	996.71	996.95	1012.86	997.36	997.41	998.16	1000.48	997.66	996.23	996.06	996.93	996.62	996.28	996.18	995.55	997.04	992.53	956.85	
Bottom of Screen Elevation	996.90	992.72	991.47	991.88	997.70	998.16	992.71	986.47	974.98	991.71	991.95	1002.86	992.36	992.41	993.16	995.48	992.66	991.23	991.06	991.93	991.62	991.28	991.18	990.55	992.04	987.53	951.85	
Depth to Water (feet)																												
8/7/02	14.27	15.14	15.80	14.66	13.98	14.75	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
9/24/02	14.48	16.47	17.12	15.85	14.19	14.98	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/9/03	14.58	15.49	16.13	15.07	14.28	15.05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
2/12/03	NM	NM	NM	NM	NM	NM	NI	15.83	17.34	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
4/2/03	15.19	Frozen	16.58	15.46	14.85	15.65	NI	17.03	17.47	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
9/10/13	NM	NM	16.40	14.89	13.94	Abandoned	NI	16.71	17.16	16.02	14.11	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
3/5/14	NM	NM	16.46	14.21	14.93	Abandoned	NI	16.81	17.38	16.17	14.52	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
4/28/16	13.64	NM	15.11	14.30	13.32	Abandoned	14.82	15.48	16.02	15.52	13.52	14.14	15.95	15.68	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
7/5/17	13.28	NM	15.44	14.26	12.99	Abandoned	15.45	15.68	16.76	14.79	13.19	13.77	16.13	15.02	17.15	16.72	16.72	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
6/27/18	13.44	NM	15.55	14.07	13.16	Abandoned	15.09	16.13	15.91	14.44	16.06	13.94	16.06	16.17	17.20	16.71	16.74	15.06	15.02	16.86	NI	NI	NI	NI	NI	NI	NI	NI
7/13/18	NM	NM	NM	NM	NM	Abandoned	14.90	NM	NM	NM	NM	NM	NM	NM	17.36	16.89	16.89	15.23	15.16	17.04	NI	NI	NI	NI	NI	NI	NI	NI
10/1/18	NM	NM	NM	NM	NM	Abandoned	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	18.06	17.48	18.31	16.68	NI	NI	NI	
4/24/19	NM	NM	NM	NM	NM	Abandoned	14.52	15.42	NM	14.02	NM	NM	15.81	15.80	17.31	16.80	16.72	15.18	15.22	16.95	18.10	17.40	18.07	16.35	19.74	9.45	17.46	
8/13/19	NM	NM	NM	NM	NM	Abandoned	14.90	15.21	NM	13.84	NM	NM	15.57	15.73	16.68	16.47	16.48	14.91	14.94	16.69	18.03	17.09	NM	16.27	19.57	10.12	43.37	
Groundwater Elevation																												
8/7/02	1012.64	1011.33	1010.95	1012.00	1012.79	1012.78	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
9/24/02	1012.43	1010.00	1009.63	1010.81	1012.58	1012.55	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/9/03	1012.33	1010.98	1010.62	1011.59	1012.49	1012.48	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
2/12/03	NM	NM	NM	NM	NM	NM	NI	1010.93	1009.69	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
4/2/03	1011.72	Frozen	1010.17	1011.20	1011.92	1011.88	NI	1009.73	1009.56	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
9/10/13	NM	NM	1010.35	1011.77	1012.83	Abandoned	NI	1010.05	1009.87	1010.69	1012.84	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
3/5/14	NM	NM	1010.29	1012.45	1011.84	Abandoned	NI	1009.95	1009.65	1010.54	1012.43	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
4/28/16	1013.27	NM	1011.64	1012.36	1013.45	Abandoned	1012.79	1011.28	1011.01	1011.19	1013.43	1013.42	1011.23	1011.54	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
7/5/17	1013.63	NM	1011.31	1012.40	1013.78	Abandoned	1012.16	1011.08	1010.27	1011.92	1013.76	1013.79	1011.05	1012.20	1010.41	1010.71	1010.65	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
6/27/18	1013.47	NM	1011.20	1012.59	1013.61	Abandoned	1012.52	1010.63	1011.12	1012.27	1010.89	1013.62	1011.12	1011.05	1010.36	1010.72	1010.63	1010.67	1010.82	1009.60	NI	NI	NI	NI	NI	NI	NI	NI
7/13/18	NM	NM	NM	NM	NM	Abandoned	1012.71	NM	NM	NM	NM	NM	NM	NM	1010.20	1010.54	1010.48	1010.50	1010.68	1009.42	NI	NI	NI	NI	NI	NI	NI	NI
10/1/18	NM	NM	NM	NM	NM	Abandoned	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1008.26	1008.70	1007.88	1008.63	NI	NI	NI	
4/24/19	NM	NM	NM	NM	NM	Abandoned	1013.09	1011.34	NM	1012.69	NM	NM	1011.37	1011.42	1010.25	1010.63	1010.65	1010.55	1010.62	1009.51	1008.22	1008.78	1008.12	1008.96	1007.80	995.89	1009.13	
8/13/19	NM	NM	NM	NM	NM	Abandoned	1012.71	1011.55	NM	1012.87	NM	NM	1011.61	1011.49	1010.88	1010.96	1010.89	1010.82	1010.90	1009.77	1008.29	1009.09	NM	1009.04	1007.97	995.22	983.22	

NM = Not Measured  
NI = Not Installed

17.20  
17.49                      17.34 0.006545

**Table 4**  
**Sub-Slab Vapor Sampling Results**  
**Former Normington Dry Cleaners**  
**Wisconsin Rapids, Wisconsin**

VOCs (ug/m <sup>3</sup> )	Screening Levels	10/6/14	2/13/15	10/6/14	2/13/15
	Non-Residential	AVP-1		RVP-1	
Acetone	1,400,000	227	20.3	388	19.6
Benzene	160	3.5	1.5	9.1	2.8
2-Butanone (MEK)	220,000	19.9	13.2	5.0	3.9
Chloroform		<1.1	3.8	<0.24	<0.24
Chloromethane		<0.41	<0.41	<0.56	2.0
Cyclohexane	260,000	2.5	2.3	12.0	3.2
1,4-Dichlorobenzene	110	4.3	<0.42	13.8	0.95j
Dichlorodifluoromethane	4,400	65.9	5.2	4.6	1.9
Ethyl acetate		<0.27	<0.27	<0.17	1.0
Ethylbenzene	490	8.7	4.5	10.5	3.0
4-Ethyltoluene	NS	5.7	5.4	6.5	2.8
n-Heptane	NS	8.9	1.8j	10.4	2.4j
n-Hexane	3,100	2.9	5.0	18.3	5.7
2-Hexanone	1,300	<2.4	3.3	1.5	1.8
Methylene Chloride		<7.5	11.7	<0.31	5.7
4-Methyl-2-pentanone (MIBK)	130,000	5.5	1.9j	<1.5	1.4j
Propylene	130,000	<2.5	0.91	12.5	<0.15
Styrene		<0.29	3.2j	<0.18	<0.18
Tetrachloroethene	1,800	640	406	15.8	78.2
Tetrahydrofuran	88,000	<1.7	<0.29	3.6	<0.19
Toluene	220,000	138	20.1	301	15.5
Trichloroethene	88	3.2	2.1j	<1.0	<0.24
1,2,4-Trimethylbenzene	31,000	16.0	12.2	19.3	5.6
1,3,5-Trimethylbenzene	NS	5.0	4.1	5.3	2.2
Vinyl Chloride	280	<0.75	<0.20	<0.48	<0.12
m&p-Xylene	4,400	34.9	15.4	41.7	9.2
o-Xylene	4,400	11.8	7.0	14.1	3.9

NS - No Standard

NA- Not Analyzed

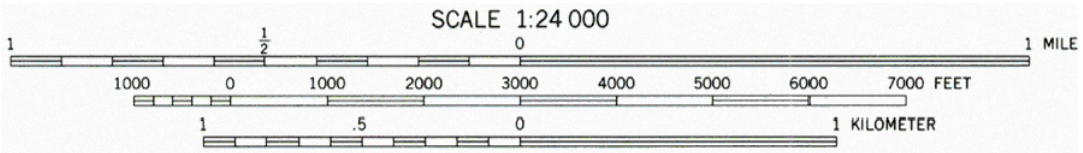
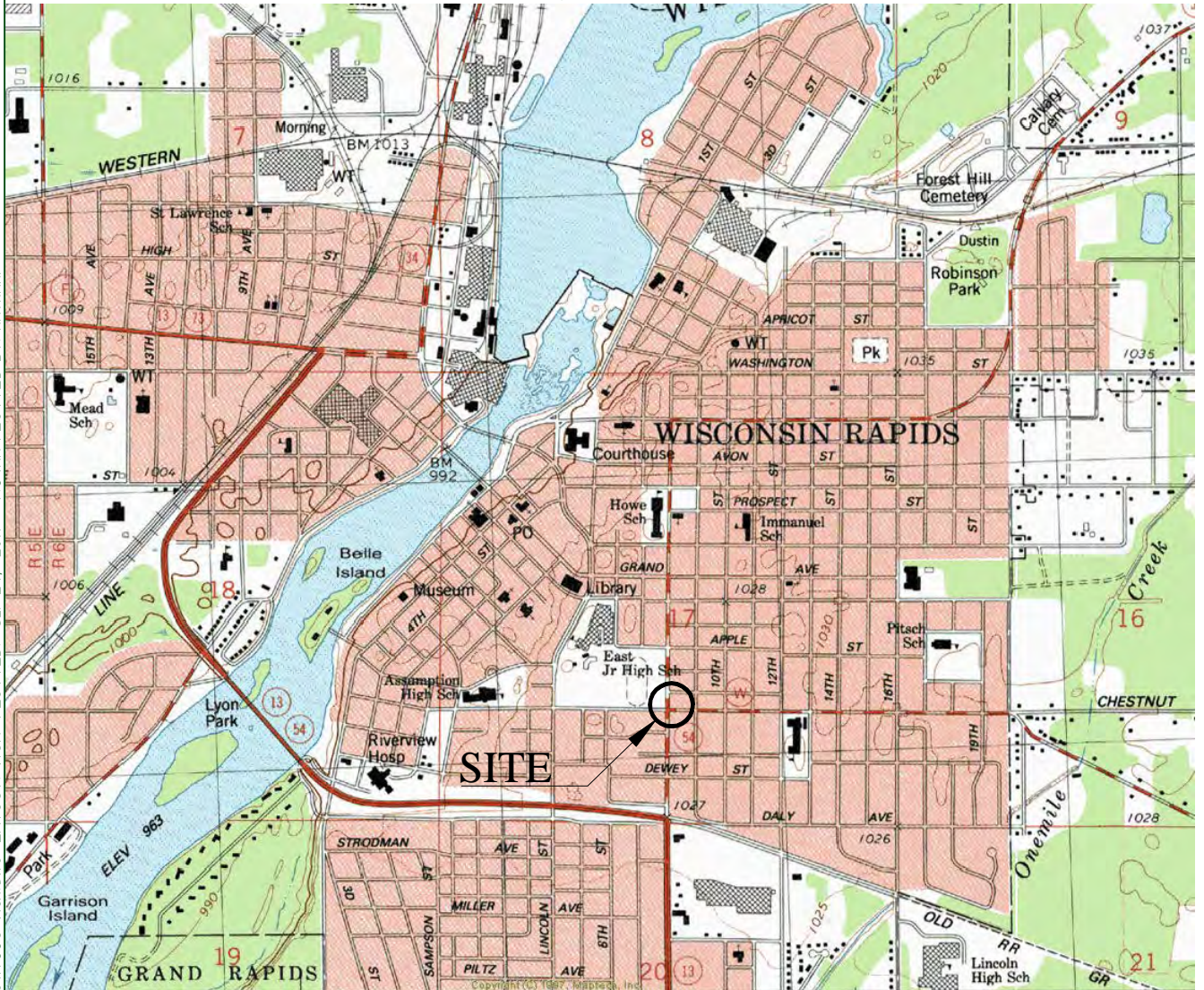
**Exceeds Residential Screening Level**

AVP-1 = Sub-slab vapor port at Allied Health building (former Normington Cleaners)

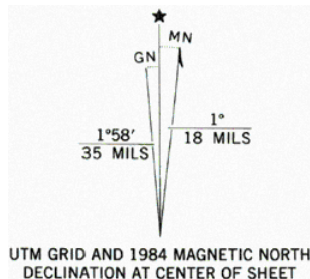
RVP-1 = Sub-slab vapor port at R&R Transmission building (former Colonial Standard)

j - Estimated concentration at or above the Limit of Detection and below the Limit of Quantification

DRAWING FILE: P:\1900-1999\1933C - NORWINGTON DRY CLEANERS - PB HOLDINGS\DWG\1933C-VICN.DWG LAYOUT: VICN PLOTTED: SEP 24, 2019 - 9:34AM PLOTTED BY: NATHANP



CONTOUR INTERVAL 10 FEET  
 DOTTED LINES REPRESENT 5-FOOT CONTOURS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929



**WISCONSIN RAPIDS NORTH, WIS.**  
 NE/4 WISCONSIN RAPIDS 15' QUADRANGLE  
 44089-D7-TF-024

1984

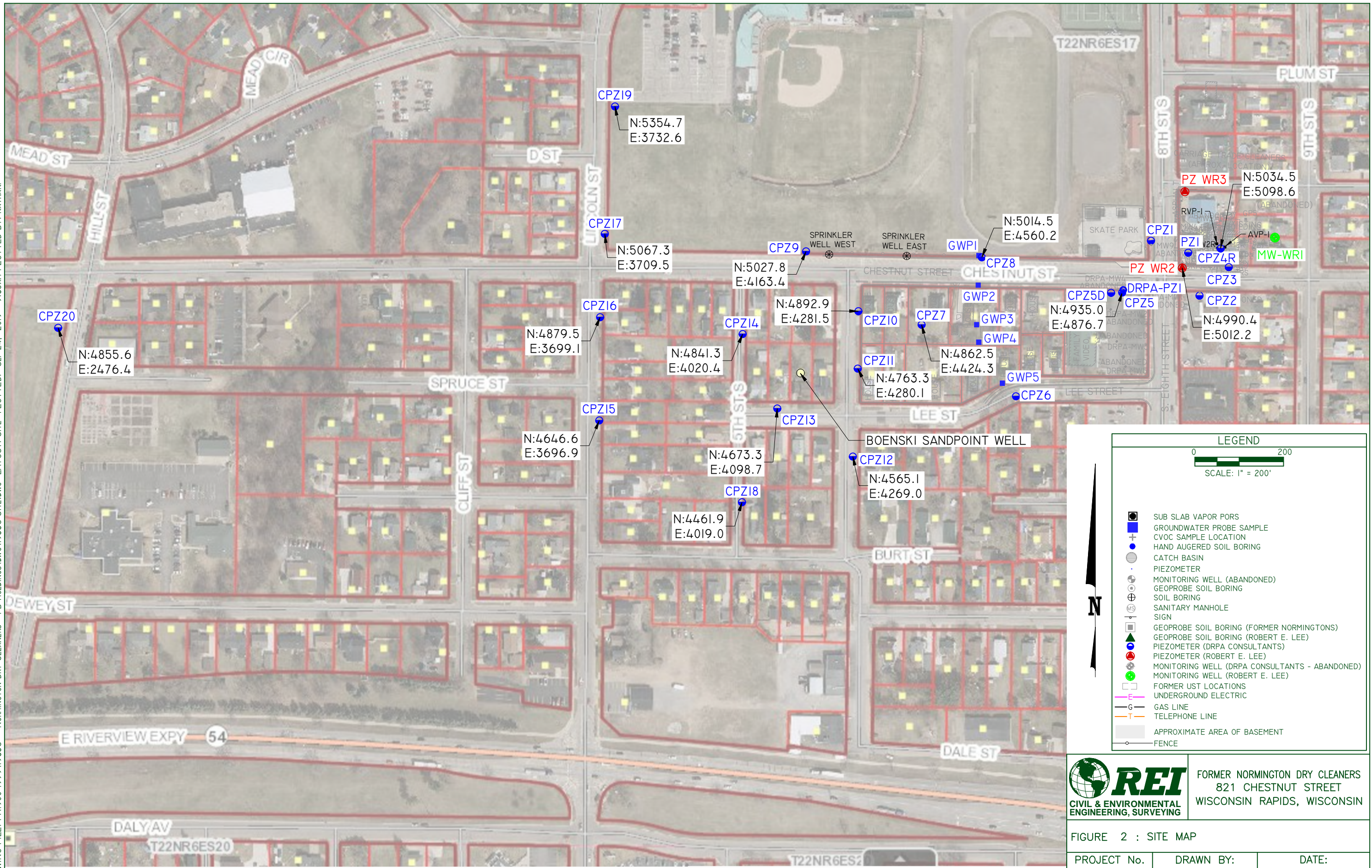
REI Engineering, INC.

FORMER NORWINGTON DRY CLEANERS  
 821 CHESTNUT STREET  
 WISCONSIN RAPIDS, WISCONSIN

FIGURE 1 : SITE VICINITY MAP

PROJECT NO.	1933C	DRAWN BY:	NAP	DATE:	09/19/19
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DRAWING FILE: P:\1900-1999\1933C - NORMINGTON DRY CLEANERS - PB HOLDINGS\DWG\1933C-SITE.DWG LAYOUT: SITE PLOTTED: SEP 24, 2019 - 9:35AM PLOTTED BY: NATHANP



**LEGEND**

0 200  
SCALE: 1" = 200'

- SUB SLAB VAPOR PORS
- GROUNDWATER PROBE SAMPLE
- +
- CVOC SAMPLE LOCATION
- HAND AUGERED SOIL BORING
- CATCH BASIN
- PIEZOMETER
- MONITORING WELL (ABANDONED)
- GEOPROBE SOIL BORING
- SOIL BORING
- SANITARY MANHOLE
- SIGN
- GEOPROBE SOIL BORING (FORMER NORMINGTONS)
- GEOPROBE SOIL BORING (ROBERT E. LEE)
- PIEZOMETER (DRPA CONSULTANTS)
- PIEZOMETER (ROBERT E. LEE)
- MONITORING WELL (DRPA CONSULTANTS - ABANDONED)
- MONITORING WELL (ROBERT E. LEE)
- FORMER UST LOCATIONS
- UNDERGROUND ELECTRIC
- GAS LINE
- TELEPHONE LINE
- APPROXIMATE AREA OF BASEMENT
- FENCE

**REI**  
CIVIL & ENVIRONMENTAL  
ENGINEERING, SURVEYING

FORMER NORMINGTON DRY CLEANERS  
821 CHESTNUT STREET  
WISCONSIN RAPIDS, WISCONSIN




FIGURE 2 : SITE MAP

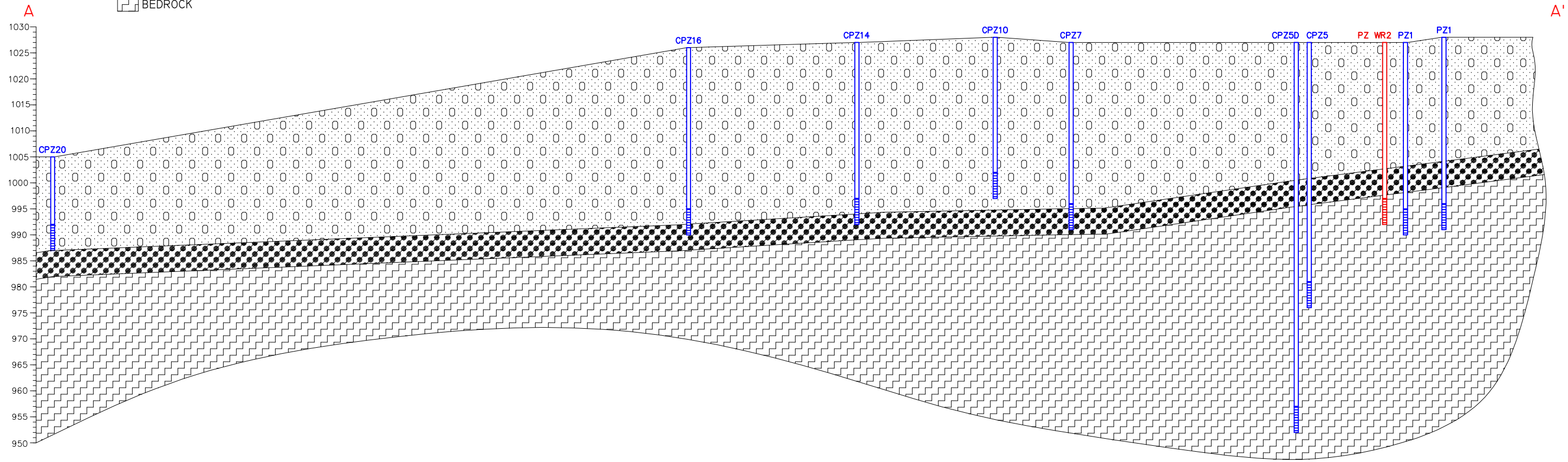
PROJECT No. 1933C	DRAWN BY: NAP	DATE: 09/19/19
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REI Engineering, INC.

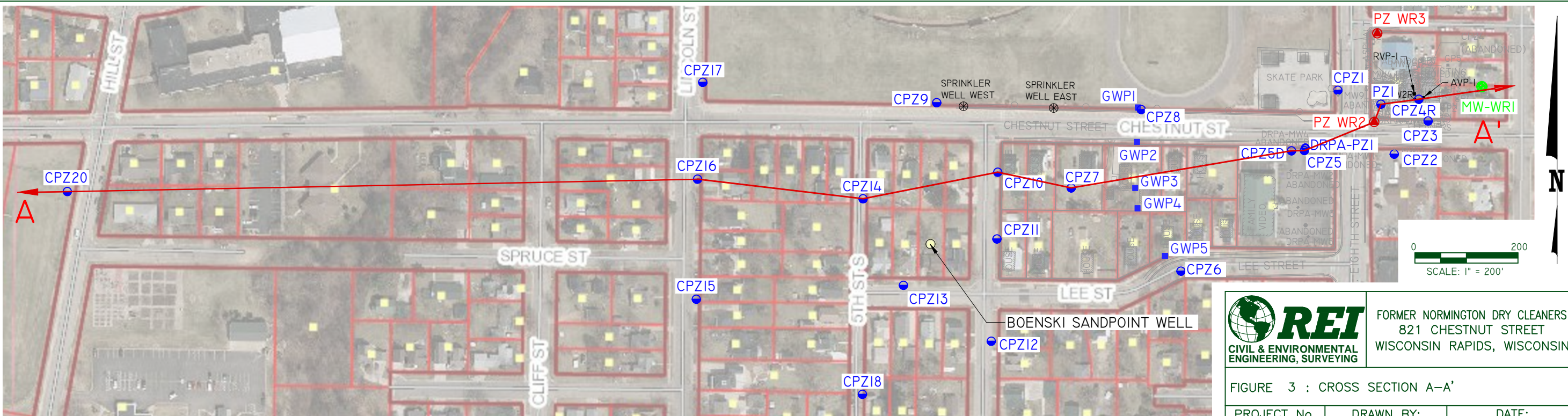


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-  (GW)-WELL GRADED GRAVELS, GRAVEL-SAND MIXTURES
-  (SC)-CLAYEY SANDS, SAND-SILT MIXTURES
-  BEDROCK



HORIZONTAL SCALE: 1"=20'  
VERTICAL SCALE: 1"=10'

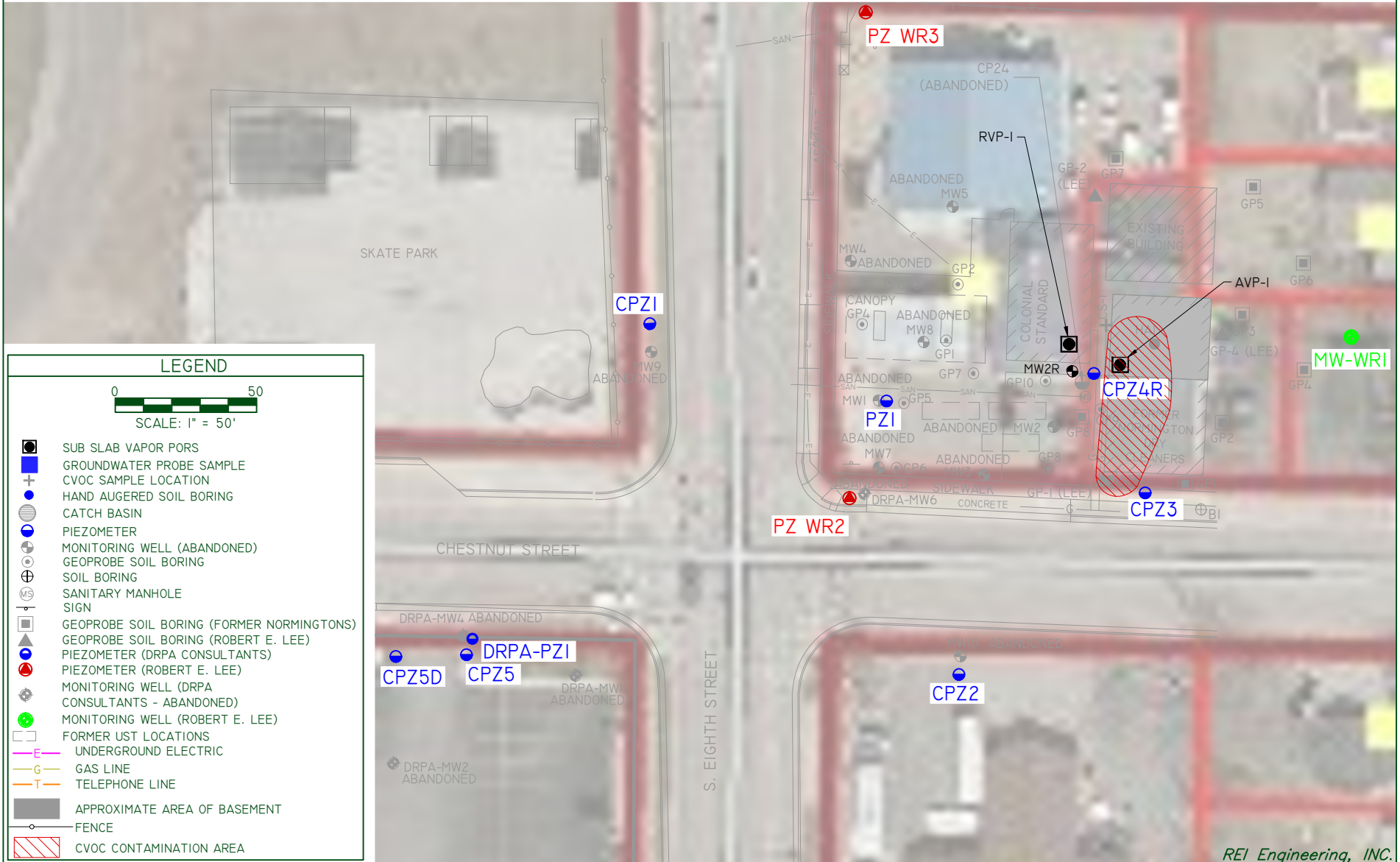


FORMER NORMINGTON DRY CLEANERS  
821 CHESTNUT STREET  
WISCONSIN RAPIDS, WISCONSIN


FIGURE 3 : CROSS SECTION A-A'

























PROJECT No. 1933C	DRAWN BY: NAP	DATE: 09/19/19
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REI Engineering, INC.



**LEGEND**

0  50  
 SCALE: 1" = 50'

-  SUB SLAB VAPOR PORS
-  GROUNDWATER PROBE SAMPLE
-  CVOC SAMPLE LOCATION
-  HAND AUGERED SOIL BORING
-  CATCH BASIN
-  PIEZOMETER
-  MONITORING WELL (ABANDONED)
-  GEOPROBE SOIL BORING
-  SOIL BORING
-  SANITARY MANHOLE
-  SIGN
-  GEOPROBE SOIL BORING (FORMER NORMINGTONS)
-  GEOPROBE SOIL BORING (ROBERT E. LEE)
-  PIEZOMETER (DRPA CONSULTANTS)
-  PIEZOMETER (ROBERT E. LEE)
-  MONITORING WELL (DRPA CONSULTANTS - ABANDONED)
-  MONITORING WELL (ROBERT E. LEE)
-  FORMER UST LOCATIONS
-  UNDERGROUND ELECTRIC
-  GAS LINE
-  TELEPHONE LINE
-  APPROXIMATE AREA OF BASEMENT
-  FENCE
-  CVOC CONTAMINATION AREA

REI Engineering, INC.

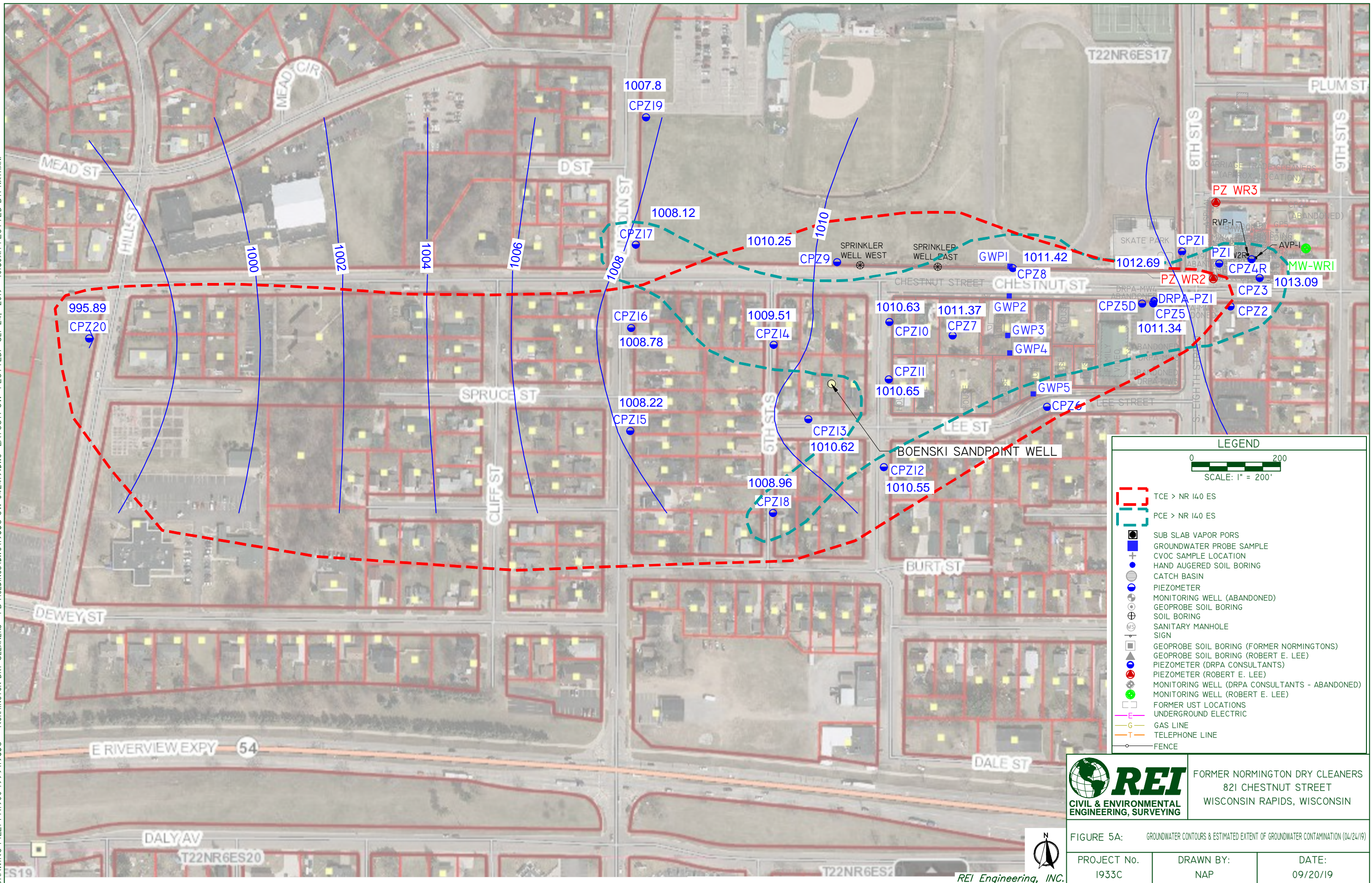
**FORMER NORMINGTON DRY CLEANERS**  
**821 CHESTNUT STREET**  
**WISCONSIN RAPIDS, WISCONSIN**



**FIGURE 4 :** ESTIMATED AREA OF CVOC CONTAMINATION IN SOIL

PROJECT NO.	1933C	DRAWN BY:	NAP	DATE:	09/19/19
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DRAWING FILE: P:\1900-1999\1933C - NORMINGTON DRY CLEANERS - PB HOLDINGS\DWG\1933C-GW-04-24-19.DWG LAYOUT: GW PLOTTED: SEP 24, 2019 - 10:30AM PLOTTED BY: NATHANP



**LEGEND**

0 200  
SCALE: 1" = 200'

- - - TCE > NR 140 ES
- - - PCE > NR 140 ES
- SUB SLAB VAPOR PORS
- + GROUNDWATER PROBE SAMPLE
- + CVOC SAMPLE LOCATION
- HAND AUGERED SOIL BORING
- CATCH BASIN
- PIEZOMETER
- MONITORING WELL (ABANDONED)
- GEOPROBE SOIL BORING
- SOIL BORING
- SANITARY MANHOLE
- SIGN
- GEOPROBE SOIL BORING (FORMER NORMINGTONS)
- GEOPROBE SOIL BORING (ROBERT E. LEE)
- PIEZOMETER (DRPA CONSULTANTS)
- PIEZOMETER (ROBERT E. LEE)
- MONITORING WELL (DRPA CONSULTANTS - ABANDONED)
- MONITORING WELL (ROBERT E. LEE)
- FORMER UST LOCATIONS
- UNDERGROUND ELECTRIC
- GAS LINE
- TELEPHONE LINE
- FENCE

**REI**  
CIVIL & ENVIRONMENTAL  
ENGINEERING, SURVEYING

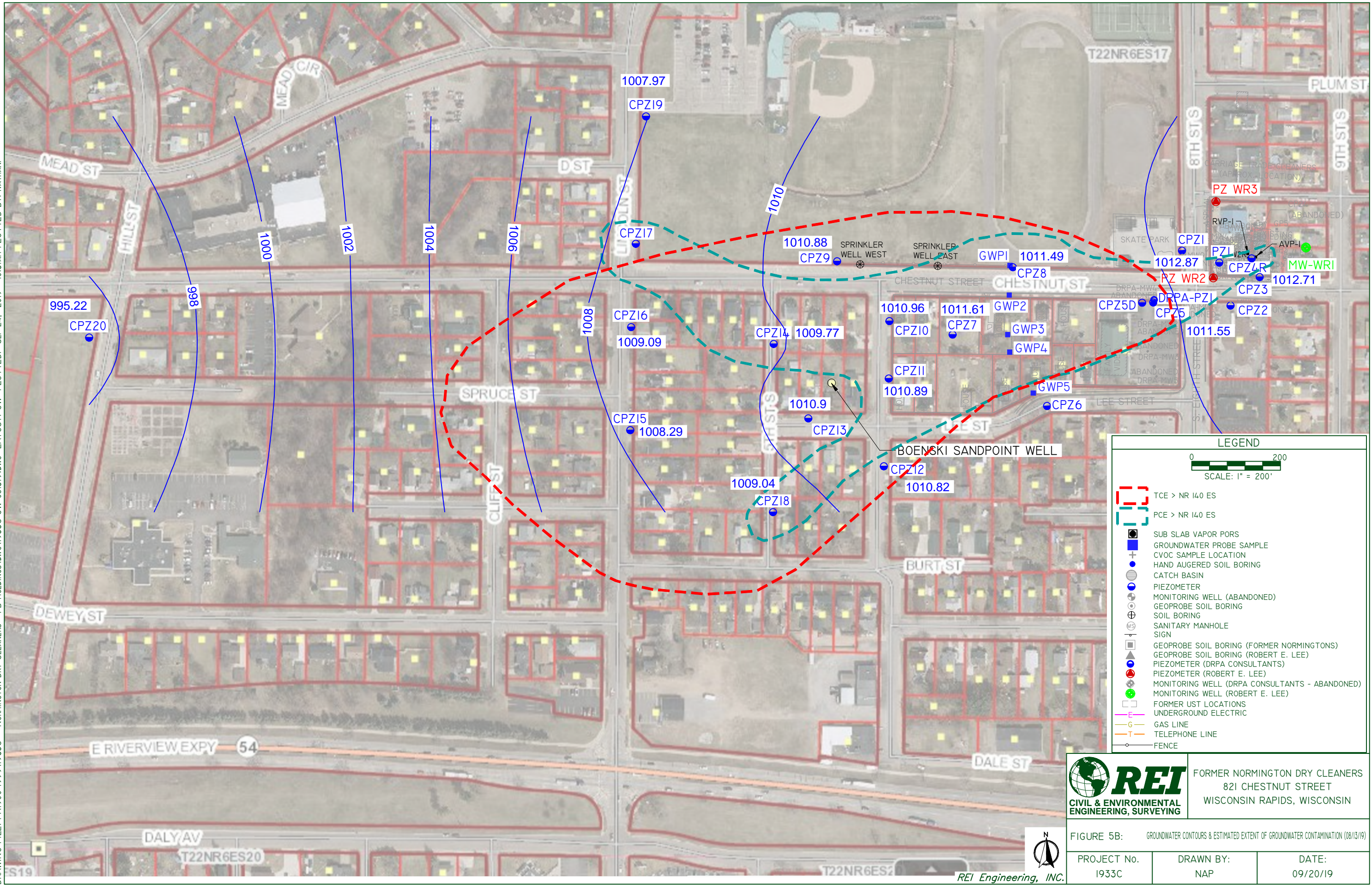
FORMER NORMINGTON DRY CLEANERS  
821 CHESTNUT STREET  
WISCONSIN RAPIDS, WISCONSIN

FIGURE 5A: GROUNDWATER CONTOURS & ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (04/24/19)

PROJECT No. 1933C	DRAWN BY: NAP	DATE: 09/20/19
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DRAWING FILE: P:\1900-1999\1933C - NORMINGTON DRY CLEANERS - PB HOLDINGS\DWG\1933C-GW-081319.DWG LAYOUT: GW PLOTTED: SEP 24, 2019 - 10:31AM PLOTTED BY: NATHANP



**LEGEND**

0 200  
SCALE: 1" = 200'

- - - TCE > NR 140 ES
- - - PCE > NR 140 ES
- SUB SLAB VAPOR PORS
- GROUNDWATER PROBE SAMPLE
- + CVOC SAMPLE LOCATION
- HAND AUGERED SOIL BORING
- CATCH BASIN
- PIEZOMETER
- MONITORING WELL (ABANDONED)
- GEOPROBE SOIL BORING
- SOIL BORING
- SANITARY MANHOLE
- SIGN
- GEOPROBE SOIL BORING (FORMER NORMINGTONS)
- GEOPROBE SOIL BORING (ROBERT E. LEE)
- PIEZOMETER (DRPA CONSULTANTS)
- PIEZOMETER (ROBERT E. LEE)
- MONITORING WELL (DRPA CONSULTANTS - ABANDONED)
- MONITORING WELL (ROBERT E. LEE)
- FORMER UST LOCATIONS
- UNDERGROUND ELECTRIC
- GAS LINE
- TELEPHONE LINE
- FENCE

**REI**  
CIVIL & ENVIRONMENTAL  
ENGINEERING, SURVEYING

FORMER NORMINGTON DRY CLEANERS  
821 CHESTNUT STREET  
WISCONSIN RAPIDS, WISCONSIN

FIGURE 5B: GROUNDWATER CONTOURS & ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (08/13/19)

PROJECT No. 1933C	DRAWN BY: NAP	DATE: 09/20/19
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REI Engineering, INC.

## **APPENDIX A**

# **DEED, ZONING, AND RESPONSIBLE PARTY AGREEMENT**





\* 2 0 1 5 R 1 0 6 0 7 \*

2015R10607

State Bar of Wisconsin Form 1-2003  
WARRANTY DEED

Document Number

Document Name

THIS DEED, made between Thomas Nelson

\_\_\_\_\_ (“Grantor,” whether one or more),

and R&R Transmission Specialists, LLC, a Wisconsin Limited Liability Company

\_\_\_\_\_ (“Grantee,” whether one or more).

Grantor, for a valuable consideration, conveys to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Wood County, State of Wisconsin (“Property”) (if more space is needed, please attach addendum):

Lot 31 of East Side Assessor’s Plat No. 31, City of Wisconsin Rapids, Wood County, Wisconsin, together with an easement for access and parking over the West 30 feet of Lot 33 of East Side Assessor’s Plat No. 31, City of Wisconsin Rapids, Wood County, Wisconsin,, as recorded in Document Number 895141, Wood County Records.

SUSAN E. GINTER  
WOOD COUNTY  
REGISTER OF DEEDS  
RECORDED ON

11/20/2015 12:15PM

REC FEE: 30.00

TRANS FEE: 310.50

EXEMPT #: N/A

PAGES: 1

ALT

Recording Area

Name and Return Address  
Abstracts & Land Titles, Inc.  
PO Box 773  
Wisconsin Rapids, WI 54495-0773

30 @ P ALT

34-07483

Parcel Identification Number (PIN)

This is not \_\_\_\_\_ homestead property.  
(is) (is not)

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except: Highways, easements, rights-of-way, covenants, restrictions, recorded building and use restrictions and covenants, general taxes levied in the year of closing and thereafter, zoning and municipal ordinances, if any, and all other matters of record.

Dated November 13, 2015.

Thomas Nelson

(SEAL)

(SEAL)

\* Thomas Nelson

\*

(SEAL)

(SEAL)

\*

\*

AUTHENTICATION

Signature(s) \_\_\_\_\_

authenticated on \_\_\_\_\_

\* Richard E. Bender

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, \_\_\_\_\_  
authorized by Wis. Stat. § 706.06)

THIS INSTRUMENT DRAFTED BY:

Attorney Richard E. Bender

PO Box 773, Wisconsin Rapids, WI 54495-0773

ACKNOWLEDGMENT

STATE OF MINNESOTA )

\_\_\_\_\_ ) ss.

Kandiyohi COUNTY )

Personally came before me on November 13, 2015,  
the above-named Thomas Nelson

to me known to be the person(s) who executed the foregoing  
instrument and acknowledged the same.

Lynn M. Gauer

Notary Public, State of Minnesota

My Commission (is permanent) (expires: ) 1-31-2020

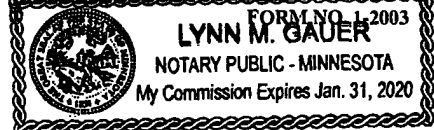
(Signatures may be authenticated or acknowledged. Both are not necessary.)

NOTE: THIS IS A STANDARD FORM. ANY MODIFICATIONS TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

WARRANTY DEED

\* Type name below signatures.

© 2003 STATE BAR OF WISCONSIN



## Wood County Web Portal - Property Summary

Property: 3407483

Search powered by



Report/Print engine  
List & Label © Version 19:  
Copyright combit® GmbH  
1991-2013

Tax Year	Prop Type	Parcel Number	Municipality	Property Address	Billing Address
2019 ▼	Real Estate	3407483	291 - CITY OF WISCONSIN RAPIDS	821 CHESTNUT ST	R & R TRANSMISSION SPECIALISTS 731 8TH ST S WISCONSIN RAPIDS WI 54494
<p style="font-size: x-small; margin: 0;">Tax Year Legend: <span style="color: red; font-weight: bold;">⬇️</span> = owes prior year taxes     <span style="color: red; font-weight: bold;">❌</span> = not assessed     <span style="color: green; font-weight: bold;">⬆️</span> = not taxed     Delinquent     Current</p>					

### Summary

#### Property Summary

Parcel #:	3407483
Alt. Parcel #:	226E17-NWSE-B-182
Parcel Status:	Current Description
Creation Date:	
Historical Date:	
Acres:	0.150

#### Property Addresses

Primary ▲	Address
<input checked="" type="checkbox"/>	821 CHESTNUT ST WISCONSIN RAPIDS 54495

#### Owners

Name	Status	Ownership Type	Interest
R & R TRANSMISSION SPECIALISTS	CURRENT OWNER		

#### Parent Parcels

No Parent Parcels were found

#### Child Parcels

No Child Parcels were found

#### Abbreviated Legal Description

(See recorded documents for a complete legal description)

C-WIS RAPIDS ES ASR PLT #31 LOT 31

#### Public Land Survey - Property Descriptions

No Property Descriptions were found

#### District

Code ▲	Description	Category
	LOCAL	OTHER DISTRICT
1400	MID-STATE TECH COLLEGE	TECHNICAL COLLEGE
	STATE OF WISCONSIN	OTHER DISTRICT
	WOOD COUNTY	OTHER DISTRICT

6685

WIS RAPIDS SCH DIST

REGULAR SCHOOL

## Building Information

### Buildings

## Assessments

### Assessment Summary

Estimated Fair Market Value: 0

Assessment Ratio: 0.0000

Legal Acres: 0.150

### 2019 valuations

Class	Acres	Land	Improvements	Total
G2 - COMMERCIAL	0.146	21600	99800	121400
<b>ALL CLASSES</b>	<b>0.146</b>	<b>21600</b>	<b>99800</b>	<b>121400</b>

### 2018 valuations

Class	Acres	Land	Improvements	Total
G2 - COMMERCIAL	0.146	21600	99800	121400
<b>ALL CLASSES</b>	<b>0.146</b>	<b>21600</b>	<b>99800</b>	<b>121400</b>

## Taxes

Taxes have not been finalized for the year 2019
---

## Document History

Doc #	Type	Date	Vol / Page	# Pages	Signed Date	Transfer Date	Sale Amount	# Properties
			15R1 / 0607				\$0.00	0



## ASSIGNMENT AND ASSUMPTION OF CONTRACT

This Assignment and Assumption of Contract (the "Assignment") is made and entered into as of the latest date set forth with the signatures below (the "Effective Date"), by and among Pioneer Bank, a Wisconsin state bank (the "Bank"); PB Holdings of Marshfield, LLC, a Wisconsin limited liability company ("PB Holdings"); R&R Transmission Specialists, LLC, a Wisconsin limited liability company ("R&R Transmission"); and Raymond M. Rogus, an adult individual with a mailing address located at 731 8<sup>th</sup> Street South, Wisconsin Rapids, Wisconsin 54494 ("Mr. Rogus").

### RECITALS

A. The Bank, R&R Transmission, and Mr. Rogus are, along with Thomas Nelson and Jodi Nelson, (together the "Nelsons"), parties to that certain Agreement dated as of November 16, 2015, a copy of which is attached as Exhibit A (the "Contract"). On November 13, 2015, the Nelsons conveyed certain real property located at 821 Chestnut Street in Wisconsin Rapids, Wisconsin (the "Property") to R&R Transmission, at which time the Bank, Mr. Rogus and R&R Transmission are the sole remaining parties to the Contract pursuant to its terms.

B. Pursuant to the terms of the Contract, the Bank is obligated to provide certain indemnification undertakings for the benefit of Mr. Rogus and R&R Transmission in connection with certain environmental contamination the source of which is located at the Property, as more fully described in the Contract.

C. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Bank desires to transfer and assign the Contract to PB Holdings, and PB Holdings wishes to accept such assignment and assume and agree to pay and perform when due all of the obligations and liabilities of Bank in, to, and under the Contract.

NOW, THEREFORE, in consideration of the recitals set forth above and the agreements set forth herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Assignment. Bank hereby transfers and assigns to PB Holdings all of the right, title, and interest of Bank in, to, and under the Contract, including Bank's obligations and liabilities under the Contract.
2. Assumption. PB Holdings hereby accepts the foregoing assignment and hereby assumes and agrees to pay and perform when due all of the obligations and liabilities of Bank in, to, and under the Contract.
3. Consideration for Mr. Rogus. In consideration of Mr. Rogus' consent to this Assignment, the Bank agrees to pay to Mr. Rogus, within five (5) business days following the

Effective Date, an amount equal to the legal fees incurred by Mr. Rogus in connection with the discussions and negotiations surrounding this Assignment, up to a maximum of Five Thousand and No/100ths Dollars (\$5,000.00).

4. Consent and Unconditional Release. Mr. Rogus, individually, and R&R Transmission each hereby:

a. consent to Bank's assignment of the Contract to PB Holdings and PB Holdings' assumption of all of Bank's rights and obligations under the Contract pursuant to this Assignment; and

b. acknowledge that the Contract remains in full force and effect, binding upon PB Holdings and Mr. Rogus and R&R Transmission and enforceable against each in accordance with its terms; and

c. in consideration of PB Holdings' assumption of all of the obligations and liabilities of Bank in, to, and under the Contract, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, fully and forever release and discharge Bank and its officers, directors, employees, agents, affiliates, successors, and assigns (collectively with Bank, "Releasees") from any and all claims, defenses, set-offs, counterclaims, actions, causes of action, suits, controversies, agreements, provisions, obligations, liabilities and demands at law or in equity, or whatsoever kind or nature whether known or unknown discovered or undiscovered, matured or unmatured, asserted or unasserted, arising out of or related to the Contract (collectively, the "Claims"), which Mr. Rogus or R&R Transmission (either or both), ever had, now have or may hereafter have against such Releasees.

5. Indemnification. PB Holdings shall indemnify, hold harmless, and defend Bank and its officers, directors, employees, agents, affiliates, successors, and assigns (collectively with Bank, "Indemnified Party") against any and all losses, damages, liabilities, deficiencies, Claims, actions, judgments, settlements, interest, awards, penalties, fines, costs, or expenses of whatever kind, including reasonable attorneys' fees, that are incurred by Indemnified Party (collectively, "Losses") arising out of or related to the Contract. Notwithstanding anything to the contrary in this Section 5, Indemnified Party may select its own legal counsel to represent its interests, and PB Holdings shall: (a) reimburse Indemnified Party for its costs and attorneys' fees immediately upon request as they are incurred, and (b) remain responsible to Indemnified Party for any Losses indemnified under this Section 5.

6. Post-Effective Date Covenant of PB Holdings. Subject to Section 7, from and after the Effective Date, PB Holdings agrees to maintain a positive tangible net worth that includes cash or marketable securities of at least One Hundred Fifty Thousand and No/100ths Dollars (\$150,000.00) (the "Net Worth Covenant").

7. Expiration of Net Worth Covenant. PB Holdings' obligation to comply with the Net Worth Covenant shall expire upon obtaining "site closure" with respect to the Normington

Dry Cleaners Former WI Rapids Site, BRRTS #02-72-257528, as determined by the Wisconsin Department of Natural Resources.

8. Further Assurances. Each of the parties to this Assignment shall execute and deliver such additional documents, instruments, conveyances, and assurances and take such further actions as may be required to carry out the provisions of it and give effect to the transactions contemplated by it.

9. Assignment. PB Holdings shall not assign any of its rights or delegate any of its obligations under this Assignment without the prior written consent of both Bank and Mr. Rogus. Any purported assignment in violation of this Section 9 shall be void. Mr. Rogus may assign his rights under this Assignment and the Contract to any other party with prior written notice to, but without any consent required from, the other parties to this Assignment.

10. Successors and Assigns. This Assignment shall be binding upon and shall inure to the benefit of its parties and their respective successors and permitted assigns.

11. Amendment; Waiver. No amendment or waiver of any of the terms of this Assignment will be effective, except to the extent such change or waiver is in writing and signed by the parties to this Assignment.

12. Governing Law. This Assignment shall be governed by and construed in accordance with the domestic laws of the State of Wisconsin without giving effect to any choice or conflict of law provision or rule (whether of the State of Wisconsin or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than the State of Wisconsin.

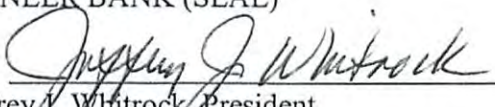
13. Interpretation and Construction. The parties acknowledge that, in connection with negotiating and executing this Assignment, each party as had the opportunity for its own counsel and advisors to review and participate in the drafting of this Assignment. The fact that this Assignment was prepared by Bank's counsel as a matter of convenience shall have no import or significance to the construction of this Assignment. Any uncertainty or ambiguity in this Assignment shall not be construed against Bank because Bank's counsel prepared this Assignment in its final form. Any rule of construction that requires any ambiguities to be interpreted against the drafter shall not be employed in the interpretation of this Assignment.

14. Counterparts. This Assignment may be signed in any number of counterparts with the same effect as if all signatures were on one original or copy.

[Signature Page to Follow]

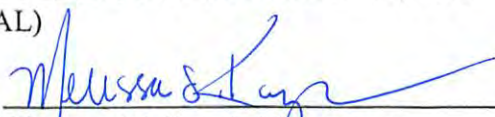
The parties to this Assignment hereby enter into this Assignment effective as of the Effective Date.

PIONEER BANK (SEAL)

By:   
Jeffrey J. Whitrock, President

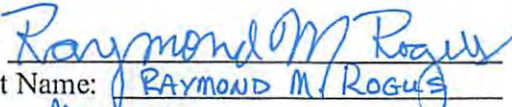
Date: 2/22/19

PB HOLDINGS OF MARSHFIELD, LLC  
(SEAL)

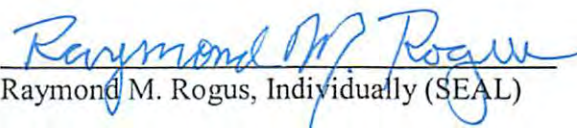
By:   
Print Name: Melissa S. Kampmann  
Title: Manager

Date: 3-12-19

R&R TRANSMISSION SPECIALISTS, LLC  
(SEAL)

By:   
Print Name: RAYMOND M. ROGUS  
Title: MEMBER

Date: 2-1-19

  
Raymond M. Rogus, Individually (SEAL)

Date: 2-1-19

**EXHIBIT A**  
**COPY OF AGREEMENT**

See attached.

## AGREEMENT

This Agreement is made effective as of November 16, 2015, between and among Thomas Nelson and Jodi Nelson, husband and wife, Pioneer Bank, and R&R Transmission Specialists, LLC, who are identified in Section A.

### Parties, Background, and Statement of the Parties' Intent

#### A. Parties

1. Thomas Nelson (whose full name is Thomas H. Nelson) and Jodi L. Nelson (collectively, the "Nelsons") are husband and wife and who reside at 7346 86<sup>th</sup> Avenue NE, Spicer, Minnesota, 56288-0097 and who hold title to the property located at 821 Chestnut Street, Wisconsin Rapids, Wisconsin 54494, as further defined in Section B.5, below.

2. Raymond M. Rogus ("Raymond Rogus" or "Rogus") is an adult who holds title to the property located at 731 South 8<sup>th</sup> Street, Wisconsin Rapids, Wisconsin 54494 where he owns and operates his business as the member of R&R Transmissions Specialists, LLC (hereafter, the "R&R Property").

3. Pioneer Bank ("Pioneer") is a Wisconsin state bank whose principal place of business is located at 5758 Main Street, Auburndale, Wisconsin 54412.

#### B. Background

1. Pioneer made a loan to Kevin D. Huchthausen and Kim M. Marth, husband and wife, for the purchase of the property located at 821 Chestnut Street, Wisconsin Rapids 54494, which was secured by a note and mortgage on that property. Huchthausen and Marth defaulted and Pioneer foreclosed. That property was scheduled for a sheriff's sale in January 2003.

2. Prior to the scheduled sheriff's sale, however, Thomas and Jodi Nelson expressed interest in acquiring the 821 Chestnut Street property, as a result of which (a) Thomas and Jodi Nelson borrowed money from Pioneer to purchase the 821 Chestnut Street Property and (b) Thomas Nelson entered into that certain "Agreement" made on January 20, 2003, (hereafter, the "2003 Agreement") with Kevin D. Huchthausen and Kim M. Marth and Pioneer.

3. The purpose of the 2003 Agreement was to allow Pioneer to sell the 821 Chestnut Street property, which at that time was in foreclosure, to Thomas and Jodi Nelson, so as to allow Thomas Nelson to conduct his chiropractic profession there while protecting the Nelsons from their liability to the State of Wisconsin for environmental contamination traceable to 821 Chestnut Street.

4. The property located at 821 Chestnut Street, Wisconsin Rapids, is regarded and classified by the Wisconsin Department of Natural Resources (hereafter, "WDNR") as a source

of groundwater contamination by chlorinated volatile organic compounds, including perchloroethylene, that has become co-mingled with off-site petroleum groundwater contamination, a source of which was the R&R Property (from its use as a gasoline station prior to Rogus having acquired that property).

5. The property located at 821 Chestnut Street, Wisconsin Rapids, has been since August 8, 2000, and continues to be, classified by the WDNR as an open site under its Environmental Repair Program ("Open ERP") and is tracked by the WDNR's Bureau of Remediation and Redevelopment Tracking System as BRRTS # 02-72-257528 and is titled by the WDNR as the "Normington Dry Cleaners Former WI Rapids Site" (hereafter, the "Normington Property").

6. On August 8, 2000, the WDNR designated Kevin D. Huchthausen and Kim M. Marth, who at that time held title to the Normington Property, as the "Responsible Party" for the environmental contamination on and migrating from the Normington Property pursuant to Wisconsin Statute § 292.11 (hereafter, the "Spills Law").

7. After Thomas and Jodi Nelson took title to the Normington Property, the WDNR on January 12, 2010, designated Thomas Nelson as the "Responsible Party" for the environmental contamination on and migrating from the Normington Property pursuant to the Spills Law.

8. Pioneer, in fulfilling its obligations under the 2003 Agreement, hired REI Engineering, Inc., an environmental consulting firm whose place of business is located at 4080 N 20<sup>th</sup> Avenue, Wausau, Wisconsin, which has performed substantial site investigation of the environmental site stemming from the contamination on and from the Normington Property.

9. Thomas and Jodi Nelson's note to Pioneer is secured by Pioneer's mortgage on the Normington Property.

10. Raymond Rogus has expressed interest in acquiring the Normington Property, which acquisition would provide commercial advantage to his business because the Normington Property is contiguous to the R&R Property.

11. Thomas and Jodi Nelson have expressed interest in selling the Normington Property.

12. As the creditor of the Nelsons, Pioneer is interested in facilitating the sale of the Normington Property from the Nelsons to Raymond Rogus.

13. In order to achieve the foregoing purposes the parties contemplated entering into that certain "Site Closure Agreement For 821 Chestnut Street, Wisconsin Rapids, Property" (hereafter, the "Unexecuted Agreement"), which is attached to this Agreement and is marked as **EXHIBIT A**.

RMR GW THN JEN

14. Raymond Rogus desires and intends to have roof repairs performed on the building located at the Normington Property as soon as possible before the onset of winter conditions that could impede his ability to make immediate use of that building.

15. The parties to this Agreement acknowledge and understand that to execute the Unexecuted Agreement and seek the Liability Clarification Letter that is set forth in the Unexecuted Agreement would take so long that winter conditions would set in before the Liability Clarification Letter could be issued, thereby impeding Raymond Rogus's ability to make immediate use of the building located on the Normington Property.

16. Raymond Rogus desires to forego receipt of the Liability Clarification Letter that is set forth in the Unexecuted Agreement and, instead, proceed to take title to the Normington Property so as to make roof repairs on, and use, the building on the Normington Property as soon as possible.

17. Raymond Rogus understands and acknowledges that if he were to take title to the Normington Property, he would become the "Responsible Party" for the environmental contamination on and migrating from the Normington Property pursuant to the Spills Law, and, despite his understanding and acknowledgment, Raymond Rogus intends to take title to the Normington Property and forego the Liability Clarification Letter as set forth in the Unexecuted Agreement.

### C. Intent of the Parties

1. By entering into this Agreement, the parties intend to accomplish the conveyance of the Normington Property from Thomas and Jodi Nelson to Raymond Rogus, which the parties acknowledge would not transpire in the absence of this Agreement.

2. The parties understand and acknowledge that upon the conveyance of the Normington Property by Thomas and Jodi Nelson to Raymond Rogus, Raymond Rogus will become the "Responsible Party" for the environmental contamination on and migrating from the Normington Property pursuant to the Spills Law.

3. The parties no longer desire to seek a Liability Clarification Letter as described in the Unexecuted Agreement and intend to cooperate with one another and to interpret this Agreement so as to fulfill the intentions of the parties.

### Agreement

NOW, THEREFORE, based upon the consideration provided by each of the parties and the mutual promises contained in this Agreement, the sufficiency of which the parties acknowledge, the parties agree as follows:

RMA GW THN 4&N



**I. Incorporation of Parties, Background, and Statement of the Parties' Intent**

1. The foregoing recitals are incorporated by reference into this Agreement as if set forth at length.

2. The recitals set forth in the Unexecuted Agreement, except for Sections C. 2. and C. 3. therein, are also incorporated by reference into this Agreement as if set forth at length.

**II. Continued Site Investigation and Substantial for Site Closure**

1. Raymond Rogus agrees to take the following steps necessary so as to achieve site closure, including, but not limited to:

(a) allow REI access to the Normington Property (as well as the R&R Property) for soil, groundwater and/or vapor sampling as required by DNR;

(b) maintain the existing monitoring well network or notify REI if maintenance is required;

(c) verify that the legal description is correct;

(d) sign notification letters notifying off site property owners of contamination on their property;

(e) maintain the pavement at the site as a barrier to groundwater infiltration;

(f) notify the WDNR if a structural impediment (such as the existing building) is removed;

(g) sample or screen any soils that may be excavated from the site;

(h) dispose of any contaminated soils that are excavated as solid waste; and,

(i) install and maintain vapor mitigation system(s) in the event current conditions changes so as to create a vapor intrusion pathway(s) that does not currently exist.

2. Pioneer agrees to pay for the environmental consultant to complete the investigation of the environmental site on and migrating from the Normington Property and to apply for and achieve site closure in conformance with the applicable regulations for site investigation and site closure.

3. Pioneer further agrees to hold harmless, defend, and indemnify Raymond Rogus for the cost of site investigation and site closure activities, as well as the consequence of any notice of non-compliance ("NON"), notice of violation ("NOV") or enforcement action, except

RMR JW THN JLN

to the extent to which any such NON, NOV, or enforcement action is occasioned by the failure of Raymond Rogus to perform his obligations set forth in Section II. 1. (a) through (i).

4. Thomas Nelson and Jodi Nelson agree to take the following steps:

(a) Until such time and Thomas Nelson and Jodi Nelson convey title to the Normington Property to Rogus, Thomas Nelson shall continue to comply with the requirements set forth in Section II. 1. (a) and (b) insofar as they pertain to the Normington Property.

(b) In the event, however, that title to the Normington Property is not conveyed to Rogus, then Thomas Nelson shall comply with the requirements set forth in Section II. 1. (a) through (i).

#### III. Covenant Not To Sue

1. Except with respect to enforcement of the terms and provisions of this Agreement, Raymond Rogus and Pioneer covenant not to sue Thomas Nelson or Jodi Nelson on account of any environmental condition in connection with the Normington Property.

#### IV. Termination of 2003 Agreement and Term of this Agreement

1. Upon conveyance of the Normington Property from Thomas Nelson and Jodi Nelson to Raymond Rogus, the 2003 Agreement shall expire and be superseded by the terms and provisions of this Agreement without further notice.

2. Upon conveyance of the Normington Property from Thomas Nelson and Jodi Nelson to Raymond Rogus, this Agreement shall become a two-party agreement between Raymond Rogus and Pioneer without further notice.

3. Upon issuance of site closure by the WDNR, the terms and provisions of this Agreement shall expire and terminate without further notice.

4. In the event, however, that title to the Normington Property is not conveyed to Rogus, then the 2003 Agreement shall not expire, but this Agreement shall expire without further notice.

#### VI. Notices

1. Notices under this Agreement shall be sent by First Class Mail or other arrangements agreed to by the parties to the persons or offices designated below. The parties may change their designated representatives by providing written notice consistent with this notice provision.

RMR JW JTW gen

(a) Notices to Pioneer should be addressed President, Pioneer Bank, 5758 Main Street, Auburndale, Wisconsin 54412.

(b) Notices to Thomas and Jodi Nelson should be addressed to Dr. Thomas and Jodi Nelson, 7346 86<sup>th</sup> Avenue NE, Spicer, Minnesota 56288.

(c) Notices to Raymond Rogus should be addressed to Raymond Rogus c/o R&R Transmission Specialists, LLC, 731 South 8<sup>th</sup> Street, Wisconsin Rapids, Wisconsin 54494.

## VII. General Terms

1. This Agreement is to be governed by and construed in accordance with the laws of the State of Wisconsin and venue shall be in the Circuit Court for Wood County, Wisconsin.

2. The parties will cooperate with one another in good faith in fulfilling the intent and terms and conditions of this Agreement, including periodic communications, meetings, and information sharing as may be appropriate. Pioneer will provide Raymond Rogus with all submittals to the WDNR.

3. This Agreement as executed by the parties represents the entire understanding of the parties with respect to performance.

4. No modification or amendment of this Agreement may be made except in writing signed by the parties, as may be reduced in number pursuant to Section IV. 3.

5. Each party to the Agreement represents and warrants that he or she is authorized to enter into this Agreement and that all necessary procedures were followed to authorize the representatives of any party to sign this Agreement.

6. Signatures that are transmitted in electronic format shall carry the same binding force and effect as if the original signature were attached. Further, this Agreement may be executed in counterparts. Each fully executed signature page will constitute binding consent of the signing party to all of this Agreement.

7. Pioneer is neither a partner nor a joint venturer with Thomas Nelson, Jodi Nelson, Raymond Rogus, or any of them in connection with their businesses or under this Agreement and shall have no obligation with respect to their debts or other liabilities.

8. Waiver by any party of strict performance or any provisions of this Agreement shall not be a waiver of or prejudice to another party's right to require strict performance of the same provision in the future, or of any other provision.

RMP JW THN JLN

9. The parties acknowledge and agree that they have had opportunity to have this Agreement reviewed by their respective counsel and that no drafting presumption shall apply to the interpretation of this Agreement.

10. The parties acknowledge and agree that should any provision or portion of this Agreement be determined by a court of competent jurisdiction to be invalid or unenforceable, the validity and enforceability of the remaining provisions shall not be impaired.

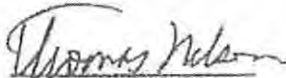
11. The parties acknowledge, warrant and represent that no representation, promise, or inducement other than the consideration set forth in this Agreement has been made between or among them.

*The remainder of this page is left blank intentionally; signature pages follow.*

RMR JW TAN  
QEN

In Witness Whereof, the parties have caused this Agreement to be duly executed as of the date first above written.

THOMAS NELSON

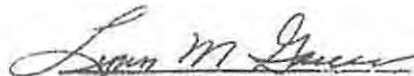
  
Thomas Nelson

Date: November 16, 2015

STATE OF MINNESOTA )  
                                  ) ss.  
COUNTY OF KANDIYOHI)

Signed and sworn to before me on November 16<sup>th</sup>, 2015, by Thomas Nelson.

[Seal]

  
Notary Public, State of Minnesota  
My commission expires: 1-31-2020



[Signature page to Agreement]

JODI NELSON

*Jodi Nelson*  
Jodi Nelson

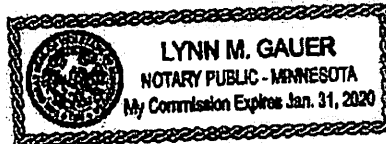
Date: November 16, 2015

STATE OF MINNESOTA )  
                                  ) ss.  
COUNTY OF KANDIYOHI )

Signed and sworn to before me on November 16<sup>th</sup>, 2015, by Jodi Nelson.

[Seal]

*Lynn M. Gauer*  
Notary Public, State of Minnesota  
My commission expires: 1-31-2020



*[Signature page to Agreement]*

R&R TRANSMISSION SPECIALISTS, LLC

*Raymond M. Rogus* Date: November 12, 2015  
By: ~~Raymond M. Rogus~~  
As its Member

STATE OF WISCONSIN     )  
                                  ) ss.  
COUNTY OF WOOD        )

Signed and sworn to before me on November 12, 2015, by Raymond M. Rogus.

[Seal]  
GERRY GRISHART  
NOTARY PUBLIC  
STATE OF WISCONSIN

*[Signature]*  
Notary Public, State of Wisconsin  
My commission expires: April 20, 2019

*[Signature page to Agreement]*

PIONEER BANK

By: *Jeff Whitrock* Date: November 18, 2015  
Jeff Whitrock  
As its President

STATE OF WISCONSIN    )  
                                  ) ss.  
COUNTY OF WOOD        )

Signed and sworn to before me on November 18<sup>th</sup>, 2015, by Jeff Whitrock.

[Seal]

*Dennis J. [Signature]*  
Notary Public, State of Wisconsin  
My commission expires: 2-23-18

*[Signature page to Agreement]*



**SITE CLOSURE AGREEMENT FOR 821 CHESTNUT STREET, WISCONSIN RAPIDS,  
PROPERTY**

This Site Closure Agreement For 821 Chestnut Street, Wisconsin Rapids, Wisconsin, Property ("Agreement") is made effective as of November \_\_, 2015, between and among Thomas Nelson and Jodi Nelson, husband and wife, Pioneer Bank, and R&R Transmission Specialists, LLC, who are identified in Section A.

**Parties, Background, and Statement of the Parties' Intent**

**A. Parties**

1. Thomas Nelson (whose full name is Thomas H. Nelson) and Jodi L. Nelson (collectively, the "Nelsons") are husband and wife and who reside at 7346 86<sup>th</sup> Avenue NE, Spicer, Minnesota, 56288-0097 and who hold title to the property located at 821 Chestnut Street, Wisconsin Rapids, Wisconsin 54494, as further defined in Section B.5, below.

2. Raymond M. Rogus ("Raymond Rogus" or "Rogus") is an adult who holds title to the property located at 731 South 8<sup>th</sup> Street, Wisconsin Rapids, Wisconsin 54494 where he owns and operates his business as the member of R&R Transmissions Transmission Specialists, LLC" (hereafter, the "R&R Property").

3. Pioneer Bank ("Pioneer") is a Wisconsin state bank whose principal place of business is located at 5758 Main Street, Auburndale, Wisconsin 54412.

**B. Background**

1. Pioneer made a loan to Kevin D. Huchthausen and Kim M. Marth, husband and wife, for the purchase of the property located at 821 Chestnut Street, Wisconsin Rapids 54494, which was secured by a note and mortgage on that property. Huchthausen and Marth defaulted and Pioneer foreclosed. That property was scheduled for a sheriff's sale in January 2003.

2. Prior to the scheduled sheriff's sale, however, Thomas and Jodi Nelson expressed interest in acquiring the 821 Chestnut Street property, as a result of which (a) Thomas and Jodi Nelson borrowed money from Pioneer to purchase the 821 Chestnut Street Property and (b) Thomas Nelson entered into that certain "Agreement" made on January 20, 2003, (hereafter, the "2003 Agreement") with Kevin D. Huchthausen and Kim M. Marth and Pioneer.

3. The purpose of the 2003 Agreement was to allow Pioneer to sell the 821 Chestnut Street property, which at that time was in foreclosure, to Thomas and Jodi Nelson, so as to allow Thomas Nelson to conduct his chiropractic profession there while protecting the Nelsons from their liability to the State of Wisconsin for environmental contamination traceable to 821 Chestnut Street.

4. The property located at 821 Chestnut Street, Wisconsin Rapids, is regarded and classified by the Wisconsin Department of Natural Resources (hereafter, "WDNR") as a source of groundwater contamination by chlorinated volatile organic compounds, including perchloroethylene, that has become co-mingled with off-site petroleum groundwater contamination, a source of which was the R&R Property (from its use as a gasoline station prior to Rogus having acquired that property).

5. The property located at 821 Chestnut Street, Wisconsin Rapids, has been since August 8, 2000, and continues to be, classified by the WDNR as an open site under its Environmental Repair Program ("Open ERP") and is tracked by the WDNR's Bureau of Remediation and Redevelopment as BRRTS # 02-72-257528 and is titled by the WDNR as the "Normington Dry Cleaners Former WI Rapids Site" (hereafter, the "Normington Property").

6. On August 8, 2000, the WDNR designated Kevin D. Huchthausen and Kim M. Marth, who at that time held title to the Normington Property, as the "Responsible Party" for the environmental contamination on and migrating from the Normington Property pursuant to Wisconsin Statute § 292.11 (hereafter, the "Spills Law").

7. After Thomas and Jodi Nelson took title to the Normington Property, the WDNR on January 12, 2010, designated Thomas Nelson as the "Responsible Party" for the environmental contamination on and migrating from the Normington Property pursuant to the Spills Law.

8. Pioneer, in fulfilling its obligations under the 2003 Agreement, hired REI Engineering, Inc., an environmental consulting firm whose place of business is located at 4080 N 20<sup>th</sup> Avenue, Wausau, Wisconsin, which has performed substantial site investigation of the environmental site stemming from the contamination on and from the Normington Property.

9. Thomas and Jodi Nelson's note to Pioneer is secured by Pioneer's mortgage on the Normington Property.

10. Raymond Rogus has expressed interest in acquiring the Normington Property, which acquisition would provide commercial advantage to his business because the Normington Property is contiguous to the R&R Property.

11. Thomas and Jodi Nelson have expressed interest in selling the Normington Property.

12. As the creditor of the Nelsons, Pioneer is interested in facilitating the sale of the Normington Property from the Nelsons to Raymond Rogus.

**C. Intent of the Parties**

1. By entering into this Agreement, the parties intend to accomplish the conveyance of the Normington Property from Thomas and Jodi Nelson to Raymond Rogus, which the parties acknowledge would not transpire in the absence of this Agreement.

2. The parties acknowledge that the critical element in accomplishing the sale of the Normington Property is for the WDNR to replace Thomas Nelson with Raymond Rogus as the "Responsible Party" within the meaning of the Spills Law.

3. The parties further acknowledge that in order for this Agreement to become binding and enforceable, they require reasonable assurance from the WDNR that the agency will replace Thomas Nelson with Raymond Rogus as the "Responsible Party" within the meaning of the Spills Law.

4. In order to achieve the above goals, the parties intend to cooperate with one another and to interpret this Agreement so as to fulfill the intentions of the parties.

**Agreement**

NOW, THEREFORE, based upon the consideration provided by each of the parties and the mutual promises contained in this Agreement, the sufficiency of which the parties acknowledge, the parties agree as follows:

**I. Incorporation of Parties, Background, and Statement of the Parties' Intent**

1. The Parties, Background, and Statement of the Parties' Intent are incorporated by reference into this Agreement as if set forth at length.

**II. Application for Environmental Liability Clarification Letter**

1. Pioneer will pay for the work necessary to request the WDNR to issue a letter ("Liability Clarification Letter") pursuant to the provisions of Wisconsin Statute § 292.55 clarifying that it will replace Thomas Nelson with Raymond Rogus as the "Responsible Party" for the Normington Property within the meaning of the Spills Law conditioned upon the parties performing their obligations under this Agreement.

2. In the event the WDNR issues a Liability Clarification Letter replacing Thomas Nelson with Raymond Rogus as the "Responsible Party" for the Normington Property within the meaning of the Spills Law conditioned upon the parties performing their obligation under this Agreement, then the terms and provisions of this Agreement shall become fully binding and enforceable and shall supersede those of the 2003 Agreement, which shall expire and become terminated.

3. In the event the WDNR does not issue a Liability Clarification Letter replacing Thomas Nelson with Raymond Rogus as the "Responsible Party" for the Normington Property within the meaning of the Spills Law conditioned upon the parties performing their obligation under this Agreement, then the terms and provisions of this Agreement shall expire, the Normington Property shall not be acquired by Raymond Rogus, and the 2003 Agreement shall continue in effect.

### **III. Continued Site Investigation and Submittal for Site Closure**

1. Subject to the conditions set forth in Section II, Raymond Rogus will take the following steps necessary so as to achieve site closure, including, but not limited to:

- (a) allow REI access to the property for soil, groundwater and/or vapor sampling as required by DNR;
- (b) maintain the existing monitoring well network or notify REI if maintenance is required;
- (c) verify that the legal description is correct;
- (d) sign notification letters notifying off site property owners of contamination on their property;
- (e) maintain the pavement at the site as a barrier to groundwater infiltration;
- (f) notify the WDNR if a structural impediment (such as the existing building) is removed;
- (g) sample or screen any soils that may be excavated from the site;
- (h) dispose of any contaminated soils that are excavated as solid waste; and,
- (i) install and maintain vapor mitigation system(s) in the event current conditions changes so as to create a vapor intrusion pathway(s) that does not currently exist.

2. Subject to the conditions set forth in Section II, Pioneer will pay for the environmental consultant to complete the investigation of the environmental site on and from the Normington Property and to apply for and achieve site closure in conformance with the applicable regulations for site investigation and site closure.

3. Subject to the conditions set forth in Section II, Pioneer will hold harmless, defend, and indemnify Raymond Rogus for the cost of site investigation and site closure activities, as well as the consequence of any notice of non-compliance ("NON"), notice of

violation ("NOV") or enforcement action, except to the extent to which any such NON, NOV, or enforcement action is occasioned by the failure of Raymond Rogus to perform his obligations set forth in Section III. 1. (a) through (i).

4. Subject to the conditions set forth in Section II, Thomas Nelson and Jodi Nelson will take the following steps:

(a) Until such time and Thomas Nelson and Jodi Nelson convey title to the Normington Property to Rogus, Thomas Nelson shall continue to comply with the requirements set forth in Section III. 1. (a) and (b).

(b) In the event, however, that title to the Normington Property is not conveyed to Rogus, then Thomas Nelson shall comply with the requirements set forth in Section III. 1. (a) through (i).

#### **IV. Covenant Not To Sue**

1. Except with respect to enforcement of the terms and provisions of this Agreement, Raymond Rogus and Pioneer covenant not to sue Thomas Nelson or Jodi Nelson on account of any environmental condition in connection with the Normington Property.

#### **V. Termination of 2003 Agreement and Term of this Agreement**

1. Upon issuance of the Liability Clarification Letter pursuant to Section II, the 2003 Agreement shall expire and be superseded by the terms and provisions of this Agreement without further notice.

2. Upon conveyance of the Normington Property from Thomas Nelson and Jodi Nelson to Raymond Rogus, this Agreement shall become a two-party agreement between Raymond Rogus and Pioneer without further notice.

3. Upon issuance of site closure by the WDNR, the terms and provisions of this Agreement shall expire and terminate without further notice.

#### **VI. Notices**

1. Notices under this Agreement shall be sent by First Class Mail or other arrangements agreed to by the parties to the persons or offices designated below. The parties may change their designated representatives by providing written notice consistent with this notice provision.

(a) Notices to Pioneer should be addressed President, Pioneer Bank, 5758 Main Street, Auburndale, Wisconsin 54412.

(b) Notices to Thomas and Jodi Nelson should be addressed to Dr. Thomas and Jodi Nelson, 7346 86<sup>th</sup> Avenue NE, Spicer, Minnesota 56288.

(c) Notices to Raymond Rogus should be addressed to Raymond Rogus c/o R&R Transmission Specialists, LLC, 731 South 8<sup>th</sup> Street, Wisconsin Rapids, Wisconsin 54494.

## **VII. General Terms**

1. This Agreement is to be governed by and construed in accordance with the laws of the State of Wisconsin.

2. The parties will cooperate with one another in good faith in fulfilling the intent and terms and conditions of this Agreement, including periodic communications, meetings, and information sharing as may be appropriate. Pioneer will provide Raymond Rogus with all submittals to the WDNR.

3. This Agreement as executed by the parties represents the entire understanding of the parties with respect to performance.

4. No modification or amendment of this Agreement may be made except in writing signed by the parties, as may be reduced in number pursuant to Section V. 3.

5. Each party to the Agreement represents and warrants that he or she is authorized to enter into this Agreement and that all necessary procedures were followed to authorize the representatives of any party to sign this Agreement.

6. Signatures that are transmitted in electronic format shall carry the same binding force and effect as if the original signature were attached. Further, this Agreement may be executed in counterparts. Each fully executed signature page will constitute binding consent of the signing party to all of this Agreement.

7. Pioneer is neither a partner nor a joint venturer with Thomas Nelson, Jodi Nelson, Raymond Rogus, or any of them in connection with their businesses or under this Agreement and shall have no obligation with respect to their debts or other liabilities.

8. Waiver by any party of strict performance or any provisions of this Agreement shall not be a waiver of, nor prejudice another party's right to require strict performance of the same provision in the future, or of any other provision.

9. The parties acknowledge and agree that they have had opportunity to have this Agreement reviewed by their counsel and that no drafting presumption shall apply to the interpretation of this Agreement.

**THOMAS NELSON**

\_\_\_\_\_ Date: November \_\_\_\_, 2015  
Thomas Nelson

STATE OF MINNESOTA    )  
                                  ) ss.  
COUNTY OF KANDIYOHI)

Signed and sworn to before me on November \_\_\_\_, 2015, by Thomas Nelson.

[Seal]

\_\_\_\_\_  
Notary Public, State of Minnesota  
My commission expires: \_\_\_\_\_

**JODI NELSON**

\_\_\_\_\_ Date: November \_\_, 2015  
Jodi Nelson

STATE OF MINNESOTA )  
                              ) ss.  
COUNTY OF KANDIYOHI )

Signed and sworn to before me on November \_\_, 2015, by Jodi Nelson.

[Seal]

\_\_\_\_\_  
Notary Public, State of Minnesota  
My commission expires: \_\_\_\_\_



**R&R TRANSMISSION SPECIALISTS, LLC**

Date: November \_\_, 2015

\_\_\_\_\_  
By: Raymond M. Rogus  
As its Member

STATE OF WISCONSIN    )  
                                  ) ss.  
COUNTY OF WOOD        )

Signed and sworn to before me on November \_\_, 2015, by Raymond M. Rogus.

[Seal]

\_\_\_\_\_  
Notary Public, State of Wisconsin  
My commission expires: \_\_\_\_\_

**PIONEER BANK**

By: \_\_\_\_\_  
Jeff Whitrock  
As its President

Date: November \_\_, 2015

STATE OF WISCONSIN )  
  ) ss.  
COUNTY OF WOOD )

Signed and sworn to before me on November \_\_, 2015, by Jeff Whitrock.

[Seal]

\_\_\_\_\_  
Notary Public, State of Wisconsin  
My commission expires: \_\_\_\_\_

## **APPENDIX B**

## **PHOTOGRAPHS**





Sub-slab vapor sampling - Normington buiding, basement



Groundwater Profile sampling



Groundwater profile sampling



CPZ7 location



MW2r and CP4r Location



CZPZ8 location



Witter Field sprinkler wells



Witter Field sprinkler wells



Sprinkler well pump house



CPZ12 location



CPZ13 location



CPZ14 location



CPZ19 Installation



CPZ20 location



CPZ20



CPZ5D location



CPZ5D Air rotary drilling



Grouting CPZ5D

Former Normington Dry Cleaners 821 Chestnut Street, Wisconsin Rapids, WI 54494	Photographs REI No. 1933c
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## **APPENDIX C**

### **METHODS AND PROCEDURES**



# **METHODS AND PROCEDURES**

## **FOR**

# **GEOPROBE WATER SAMPLING**

### **GROUNDWATER PROFILER (IF SOIL SAMPLES ARE NOT COLLECTED)**

The Geoprobe rods are connected to a covered stainless steel, 2-foot screen and driven to the appropriate depth. Internal rods are inserted in the hollow rods, and the cover is unscrewed and released, exposing the screen. Following sample collection, the rods are withdrawn, and the borehole is properly abandoned.

### **TEMPORARY CASING AND SCREEN INSTALLATION (FOLLOWING SOIL SAMPLING)**

One (1) inch PVC casing and screen is placed in the open geoprobe borehole to the appropriate depth. The annular space seal between the screen and the borehole is filled with #30 Red Flint filter pack sand. Following sample collection, the casing and screen is withdrawn, and the borehole is properly abandoned.

### **PURGING, SAMPLING AND CHAIN OF CUSTODY**

Disposable ¼" polyethylene tubing is inserted to the screen and connected to a peristaltic pump. The water is pumped slowly until sediment free. Purge water is containerized for proper disposal. Water samples are collected directly from the tubing. If the well is purged dry, it is allowed to recharge and then sampled. Samples are labeled and placed in a cooler to be preserved at approximately 4 degrees C. Samples are accompanied by Chain of Custody records.

Upon completion of a sample, a chain of custody log is initiated. The chain of custody record includes the following information: project name, work order number, shipped by, shipped to, sampling point, location, field ID number, date and time taken, sample type, number of containers, analysis required, sampler (s) signature (s), etc. As few people as possible handle the samples.

### **DECONTAMINATION**

Sampling equipment is decontaminated prior to sampling. The Geoprobe rods and screen are washed between holes using distilled water and Alconox cleaning detergent. New, disposable

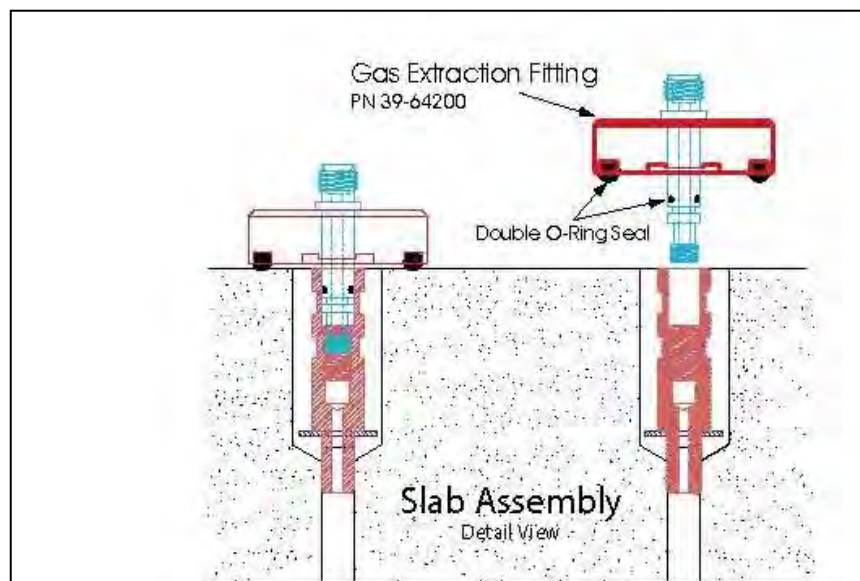
tubing is used at each sample location. Latex gloves are worn during all sample collection procedures and are changed between the collection of each of the water samples from each monitoring well.

# METHODS AND PROCEDURES

## FOR

### INTERIOR VAPOR SAMPLE COLLECTION

Interior sampling will be conducted by the installation of a permanent sample port purchased from Entech Instruments, Inc. (Part #01-39-640020) and installed using a hammer drill with a 3/8" bit through the concrete slab and a 3/4" bit to a depth of approximately 2" to set the probe. The probes will be set in place using anchoring cement. Due to the type of sample port used, REI will use Entech part # 39-64200 – Gas Extraction Fitting. Samples will be collected using one liter Summa Canister and a helium shroud. The helium shroud consists of a three gallon polyethylene box placed over the sample port. The sample tubing is connected to the sample port through the gas extraction fitting, and the tubing passes through the helium shroud. Helium is introduced through a valve in the top of the helium shroud and a vacuum pump is used to purge the sample line. Four volumes of air were removed from the tubing and the purge air monitored for the presence of helium using an Restek Electronic Leak detector. Once the line was purged, and the helium detector showed the seal was adequate, the Summa Canister was connected to the sample line and allowed to fill for 30 minutes through a 30 minute flow restrictor.



**METHODS AND PROCEDURES**  
**FOR**  
**MONITORING WELL INSTALLATION AND GROUNDWATER**  
**SAMPLING**

The water table monitoring wells consist of pipe joint threaded, two inch by ten feet long schedule 40 PVC (#10 slot) with 2 inch schedule 40 PVC riser. After the screen and riser pipe were set, a sand filter pack was placed around the screen to a depth 3 feet above the top of the screen, capped by a 2 foot fine sand layer, covered with a bentonite seal, annular space seal and surface seal. A protective casing did enclose the PVC riser pipe.

Monitoring wells were installed in accordance with Wisconsin Administrative Code NR 141 regulations. The WDNR "Monitoring Well Construction Form 4400-113A" were completed in accordance with NR 144 and NR 147.

The wells were developed by bailing or pumping to establish a reliable intercept with the surrounding formation. At least ten well volumes were removed or bailed until the wells were sediment free. If the well was bailed dry, a minimum of 3 volumes were taken. The WDNR "Monitoring Well Development Form 4400-113B" was completed for each well.

**WATER LEVEL**

Groundwater level measurements were obtained by using an electronic measuring device which indicated when a probe is in contact by lowering the probe into the well until the instrument indicated that the water surface has been encountered, and the distance from the top of the well to the probe was measured. All measurements were reported to the nearest 0.01 foot.

**SAMPLING AND CHAIN OF CUSTODY**

Water samples were collected using disposable bottom loading plastic bailers. Prior to sampling, the wells were purged. At least 4 well volumes were removed before sampling to ensure collection of a representative sample. If the well was purged dry, it was allowed to recharge and then it was sampled.

Samples were taken from the middle section of the bailer and placed in laboratory prepared bottles. Samples were labeled and placed in a cooler to be preserved at approximately 4 degrees C. Samples were accompanied by Chain of Custody records.

Upon completion of a sample, a chain of custody log was initiated. The chain of custody record included the following information: project name, work order number, shipped by, shipped to, sampling point, location, field ID number, date and time taken, sample type, number of containers, analysis required, sampler (s) signature (s), etc. As few people as possible handled the samples.

### **SURVEYING**

Grade elevations of monitoring wells were surveyed to the nearest 0.1 foot and top of riser elevations were surveyed to the nearest 0.01 for monitoring wells. Elevations were tied to a USGS benchmark.

### **DECONTAMINATION**

Sampling equipment was decontaminated prior to sampling. The water level measuring device was washed before it was placed into each well using distilled water and Alconox cleaning detergent. Latex gloves were worn during all sample collection procedures and were changed between the collection of each of the water samples from each monitoring well.

**METHODS AND PROCEDURES**  
**FOR**  
**LOW-FLOW GROUNDWATER SAMPLING**

**WATER LEVEL**

Groundwater level measurements were obtained by using an electronic measuring device which indicated when a probe is in contact by lowering the probe into the well until the instrument indicated that the water surface has been encountered, and the distance from the top of the well to the probe was measured. All measurements were reported to the nearest 0.01 foot.

**PURGING, SAMPLING AND CHAIN OF CUSTODY**

Disposable ¼” polyethylene tubing is inserted to the screen and connected to a peristaltic pump. The tubing is connected to a flow cell where a YSI Multi-meter is inserted. The YSI measures temperature, conductivity, dissolved oxygen, pH and redox potential. Water is pumped slowly and samples are collected after field measurements stabilize.

Water samples are collected directly from the tubing. If the well is purged dry, it is allowed to recharge and then sampled. Samples are labeled and placed in a cooler to be preserved at approximately 4 degrees C. Samples are accompanied by Chain of Custody records.

Upon completion of a sample, a chain of custody log is initiated. The chain of custody record includes the following information: project name, work order number, shipped by, shipped to, sampling point, location, field ID number, date and time taken, sample type, number of containers, analysis required, sampler (s) signature (s), etc. As few people as possible handle the samples.

The sample tubing is discarded after each sample and new tubing is used on each well.

## **APPENDIX D**

# **WDNR SOIL BORING LOGS, WELL CONSTRUCTION FORMS, WELL DEVELOPMENT FORMS, AND BOREHOLE ABANDONMENT FORMS**





Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name Former Normington Dry Cleaners		License/Permit/Monitoring Number BRRTS #02-72-257528		Boring Number MW2r	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin - Geiss Soil & Samples			Date Drilling Started 3/2/16	Date Drilling Completed 3/2/16	Drilling Method 4.25" ID HSA
WI Unique Well No.	DNR Well ID No.	Common Well Name MW2r	Final Static Water Level	Surface Elevation 1028.03	Borehole Diameter 8 <span style="float:right">V2r</span>
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location MW2r			Lat	Local Grid Location	
State Plane			Long	N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Wood	County Code 72	Civil Town/City/or Village Wisconsin Rapids	

Sample			Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)							Blow Counts	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	
				Blind Drill to 15'										
			1											
			2											
			3											
			4											
			5											
			6											
			7											
			8											
			9											
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			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26		End of Boring, well set @ 25'									

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature

Firm REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

This form is authorized by Chapters 281,283,289,292,293,295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other

<b>Facility/Project Name</b> Normington Cleaners (Former)	<b>Local Grid Location of Well</b> Feet S. ___ Feet W. ___ Feet N. ___ Feet E. ___	<b>Well Name</b> MW2r
<b>Facility License Permit or Monitoring Number</b> BRRTS # 02-72-257528	<b>Grid Origin Location</b>	<b>Wis. Unique Well Number</b> _____ <b>DNR Well Number</b> _____
<b>Type of Well</b> Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	<b>Section Location of Waste/Source</b> <input type="checkbox"/> E <input type="checkbox"/> W	<b>Date Well Installed</b> 3/2/16
<b>Distance Well Is From Waste/Source Boundary</b> Ft. _____	<b>Location of Well Relative to Waste/Source</b> u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	<b>Well Installed By (Person's Name and Firm)</b> Darrin Prentice - Geiss Soil and Sample
<b>Is Well A Point of Enforcement Std. Application</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation 1028.03 ft. MSL  
 B. Well casing, top elevation 1027.56 ft. MSL  
 C. Land surface elevation 1028.03 ft. MSL  
 D. Surface seal, bottom 1 ft. MSL or 1027.03 ft.

12. USCS Classification of soil near screen:

GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis attached?  Yes  No

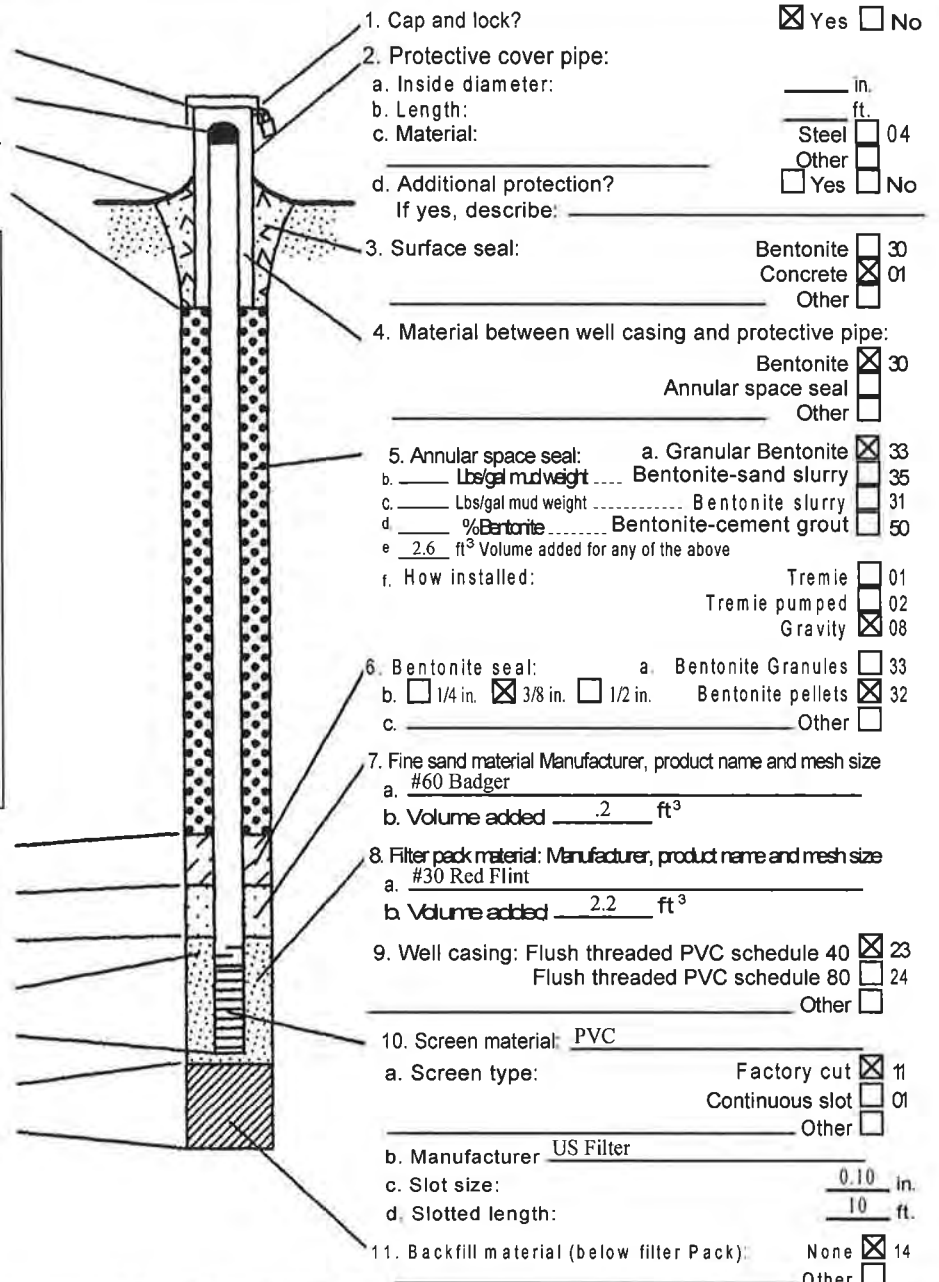
14. Drilling method used Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_

17. Source of water (attach analysis):  
 \_\_\_\_\_

E. Bentonite seal, top 1027.03 ft. MSL or 1 ft.  
 F. Fine sand, top 1014.86 ft. MSL or 13 ft.  
 G. Filter pack, top 1013.86 ft. MSL or 14 ft.  
 H. Screen joint, top 1012.86 ft. MSL or 15 ft.  
 I. Well bottom 1002.86 ft. MSL or 25 ft.  
 J. Filter pack, bottom 1002.86 ft. MSL or 25 ft.  
 K. Borehole, bottom 1002.86 ft. MSL or 25 ft.  
 L. Borehole, diameter 2 in.  
 M. O.D. well casing 2.25 in.  
 N. I.D. well casing 2.0 in.



I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature [Signature]

Firm REI Engineering, Inc.  
 4080 N. 20th Ave.  
 Wausau, WI 54401

Facility/Project Name Former Normington Dry Cleaners	County Name Wood	Well Name MW2r
Facility Licence, Permit or Monitoring Number BRRTS# 02-72-257528	County Code 72	Wis. Unique Well Number
		DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method

- surged with bailer and bailed  41
- surged with bailer and pumped  61
- surged with block and bailed  42
- surged with block and pumped  62
- surged with block, bailed and pumped  70
- compressed air  20
- bailed only  10
- pumped only  51
- pumped slowly  50
- Other

3. Time spent developing well 30 min.

4. Depth of well (from top of Casing) 24.7 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 8 gal.

7. Volume of water removed from well 30 gal.

8. Volume of water added (If any) gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 14.14 ft.	14.18 ft.
Data mm/dd/yy	b. 4/28/16	4/28/16
Time	c. 2:10 <input checked="" type="checkbox"/> p.m. <input type="checkbox"/> a.m.	2:40 <input checked="" type="checkbox"/> p.m. <input type="checkbox"/> a.m.
12. Sediment in well bottom	2.28 inches	0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input checked="" type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l


16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jared Szews REI

Firm: REI Engineering, Inc.  
4020 N 20th Ave.  
Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Initials: J JS

Firm: REI Engineering, Inc.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Route To: **Watershed/Wastewater**  **Waste Management**   
**Remediation/Redevelopment**  **Other**

Facility/Project Name Former Normington Dry Cleaners		License/Permit/Monitoring Number BRRTS #02-72-257528		Boring Number CPZ4r	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin - Geiss Soil & Samples			Date Drilling Started 3/2/16	Date Drilling Completed 3/2/16	Drilling Method 4.25" ID HSA
WI Unique Well No.	DNR Well ID No.	Common Well Name CPZ4r	Final Static Water Level	Surface Elevation 1028.03	Borehole Diameter 8 '4r
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> CPZ4r			Lat	Local Grid Location	
State Plane			Long	N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Wood	County Code 72	Civil Town/City/or Village Wisconsin Rapids	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					ROD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1	Blind Drill to 35'										
				2											
				3											
				4											
				5											
				6											
				7											
				8											
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I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature  Firm **REI Engineering, Inc.**  
4080 North 20th Avenue, Wausau, WI

This form is authorized by Chapters 281,283,289,292,293,295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other

<b>Facility/Project Name</b> Normington Cleaners (Former)	<b>Local Grid Location of Well</b> ____ Feet S. ____ Feet W. ____ Feet N. ____ Feet E	<b>Well Name</b> CPZ4r
<b>Facility License Permit or Monitoring Number</b> BRRTS # 02-72-257528	<b>Grid Origin Location</b>	<b>Wis. Unique Well Number</b> _____ <b>DNR Well Number</b> _____
<b>Type of Well</b> Water Table Observation Well <input type="checkbox"/> If Piezometer <input checked="" type="checkbox"/> 2	<b>Section Location of Waste/Source</b> <input type="checkbox"/> E <input type="checkbox"/> W	<b>Date Well Installed</b> 3/2/16
<b>Distance Well Is From Waste/Source Boundary</b> Ft. _____	<b>Location of Well Relative to Waste/Source</b> u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	<b>Well Installed By (Person's Name and Firm)</b> Darrin Prentice - Geiss Soil and Sample
<b>Is Well A Point of Enforcement Std. Application</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation 1028.03 ft. MSL  
 B. Well casing, top elevation 1027.61 ft. MSL  
 C. Land surface elevation 1028.03 ft. MSL  
 D. Surface seal, bottom 1 ft. MSL or 1027.03 ft.

12. USCS Classification of soil near screen:

GP <input type="checkbox"/>	GM <input type="checkbox"/>	GC <input type="checkbox"/>	GW <input type="checkbox"/>	SW <input type="checkbox"/>	SP <input checked="" type="checkbox"/>
SM <input type="checkbox"/>	SC <input type="checkbox"/>	ML <input type="checkbox"/>	MH <input type="checkbox"/>	CL <input type="checkbox"/>	CH <input type="checkbox"/>
Bedrock <input type="checkbox"/>					

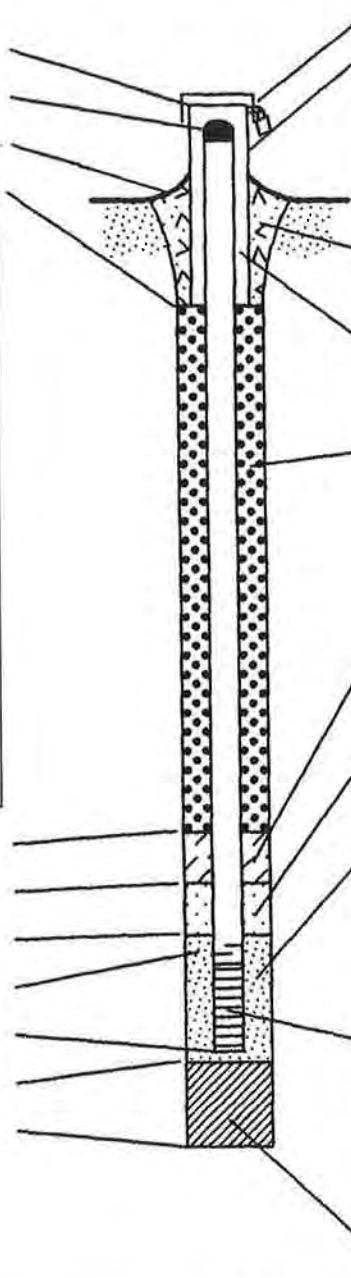
13. Sieve analysis attached?  Yes  No

14. Drilling method used Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_

17. Source of water (attach analysis):  
 \_\_\_\_\_



1. Cap and lock?  Yes  No

2. Protective cover pipe:  
 a. Inside diameter: \_\_\_\_\_ in.  
 b. Length: \_\_\_\_\_ ft.  
 c. Material: Steel  04  
 Other   
 d. Additional protection?  Yes  No  
 If yes, describe: \_\_\_\_\_

3. Surface seal: Bentonite  30  
 Concrete  01  
 Other

4. Material between well casing and protective pipe:  
 Bentonite  30  
 Annular space seal   
 Other

5. Annular space seal:  
 a. Granular Bentonite  33  
 b. \_\_\_\_\_ Lbs/gal mud weight \_\_\_\_\_ Bentonite-sand slurry  35  
 c. \_\_\_\_\_ Lbs/gal mud weight \_\_\_\_\_ Bentonite slurry  31  
 d. \_\_\_\_\_ %Bentonite \_\_\_\_\_ Bentonite-cement grout  50  
 e. 5.2 ft<sup>3</sup> Volume added for any of the above  
 f. How installed: Tremie  01  
 Tremie pumped  02  
 Gravity  08

6. Bentonite seal:  
 a. Bentonite Granules  33  
 b.  1/4 in.  3/8 in.  1/2 in. Bentonite pellets  32  
 c. \_\_\_\_\_ Other

7. Fine sand material Manufacturer, product name and mesh size  
 a. #60 Badger  
 b. Volume added .2 ft<sup>3</sup>

8. Filter pack material: Manufacturer, product name and mesh size  
 a. #30 Red Flint  
 b. Volume added 1.3 ft<sup>3</sup>

9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other

10. Screen material: PVC  
 a. Screen type: Factory cut  11  
 Continuous slot  01  
 Other   
 b. Manufacturer US Filter  
 c. Slot size: 0.10 in.  
 d. Slotted length: 5 ft.

11. Backfill material (below filter Pack): None  14  
 Other

E. Bentonite seal, top 1027.03 ft. MSL or 1 ft.  
 F. Fine sand, top 999.71 ft. MSL or 28 ft.  
 G. Filter pack, top 998.71 ft. MSL or 29 ft.  
 H. Screen joint, top 997.71 ft. MSL or 30 ft.  
 I. Well bottom 992.71 ft. MSL or 35 ft.  
 J. Filter pack, bottom 992.71 ft. MSL or 35 ft.  
 K. Borehole, bottom 992.71 ft. MSL or 35 ft.  
 L. Borehole, diameter 2 in.  
 M. O.D. well casing 2.25 in.  
 N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature \_\_\_\_\_ Firm REI Engineering, Inc.  
 4080 N. 20th Ave.  
 Wausau, WI 54407

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160 Wis. Stats. and ch NR 141, Wis. Ad. Code. In accordance with ch. 144 Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147 Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. see instructions for more information including where the completed form should be sent.

Facility/Project Name Former Normington Dry Cleaners	County Name Wood	Well Name CPZ4r
Facility Licence, Permit or Monitoring Number BRRTS# 02-72-257528	County Code 72	Wis. Unique Well Number
		DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method

- surged with bailer and bailed  41
- surged with bailer and pumped  61
- surged with block and bailed  42
- surged with block and pumped  62
- surged with block, bailed and pumped  70
- compressed air  20
- bailed only  10
- pumped only  51
- pumped slowly  50
- Other \_\_\_\_\_

3. Time spent developing well 30 min.

4. Depth of well (from top of Casing) 34.9 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 6 gal.

7. Volume of water removed from well 70 gal.

8. Volume of water added (If any) gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
 (If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 14.82 ft.	16.9 ft.
Data mm/dd/yy	b. 4/28/16	4/28/16
Time	c. 2:15 <input checked="" type="checkbox"/> p.m. <input type="checkbox"/> a.m.	3:15 <input checked="" type="checkbox"/> p.m. <input type="checkbox"/> a.m.
12. Sediment in well bottom	.36 inches	0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input checked="" type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jared Szews REI

Firm: REI Engineering, Inc.  
 4020 N 20th Ave.  
 Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Initials: JS

Firm: REI Engineering, Inc.

Route To: **Watershed/Wastewater**  **Waste Management**   
**Remediation/Redevelopment**  **Other**

Facility/Project Name Former Normington Dry Cleaners		License/Permit/Monitoring Number BRRTS #02-72-257528		Boring Number CPZ7	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin - Geiss Soil & Samples			Date Drilling Started 3/2/16	Date Drilling Completed 3/2/16	Drilling Method 4.25" ID HSA
WI Unique Well No.	DNR Well ID No.	Common Well Name CPZ7	Final Static Water Level	Surface Elevation 1027.47	Borehole Diameter 8 '7
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> CPZ7			Lat	Local Grid Location	
State Plane			Long	N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Wood	County Code 72	Civil Town/City/or Village Wisconsin Rapids	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					ROD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1	Blind Drill to 35'										
				2											
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I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature  Firm **REI Engineering, Inc.**  
4080 North 20th Avenue, Wausau, WI

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Route To Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other

<b>Facility/Project Name</b> Normington Cleaners (Former)	<b>Local Grid Location of Well</b> Feet S. ___ Feet W. ___ Feet N. ___ Feet E. ___	<b>Well Name</b> CPZ7
<b>Facility License Permit or Monitoring Number</b> BRRTS # 02-72-257528	<b>Grid Origin Location</b>	<b>Wis. Unique Well Number</b> _____ <b>DNR Well Number</b> _____
<b>Type of Well</b> Water Table Observation Well <input type="checkbox"/> ft Piezometer <input checked="" type="checkbox"/> 2	<b>Section Location of Waste/Source</b> <input type="checkbox"/> B	<b>Date Well Installed</b> 3/2/16
<b>Distance Well Is From Waste/Source Boundary</b> Ft. _____	<b>Location of Well Relative to Waste/Source</b> u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	<b>Well Installed By (Person's Name and Firm)</b> Darrin Prentice - Geiss Soil and Sample
<b>Is Well A Point of Enforcement Std. Application</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation 1027.47 ft. MSL  
 B. Well casing, top elevation 1027.18 ft. MSL  
 C. Land surface elevation 1027.47 ft. MSL  
 D. Surface seal, bottom 1 ft. MSL or 1026.47 ft.

12. USCS Classification of soil near screen:

GP <input type="checkbox"/>	GM <input type="checkbox"/>	GC <input type="checkbox"/>	GW <input type="checkbox"/>	SW <input type="checkbox"/>	SP <input checked="" type="checkbox"/>
SM <input type="checkbox"/>	SC <input type="checkbox"/>	ML <input type="checkbox"/>	MH <input type="checkbox"/>	CL <input type="checkbox"/>	CH <input type="checkbox"/>
Bedrock <input type="checkbox"/>					

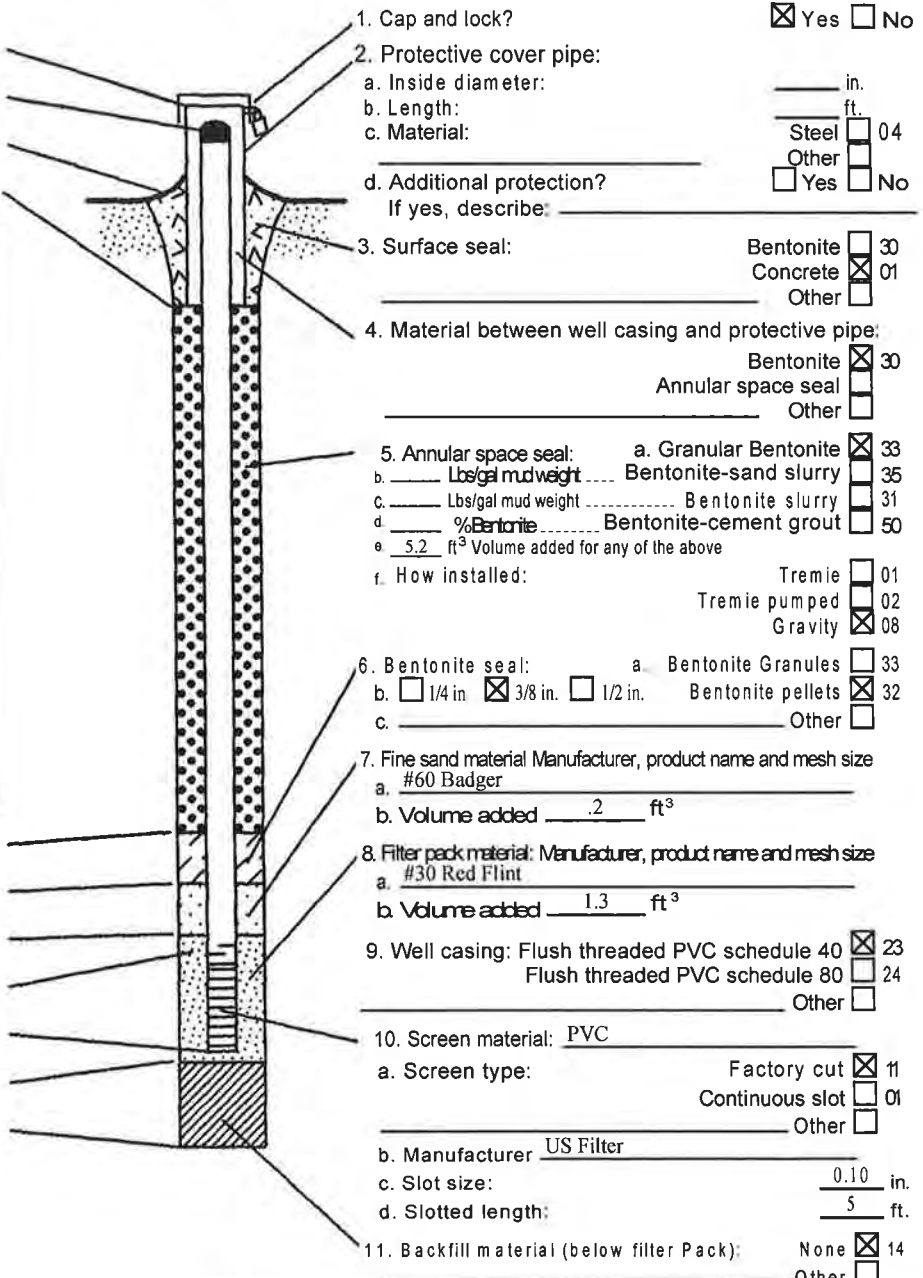
13. Sieve analysis attached?  Yes  No

14. Drilling method used Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_

17. Source of water (attach analysis):  
 \_\_\_\_\_



E. Bentonite seal, top 1026.47 ft. MSL or 100 E. Old Highway 16 ft.  
 F. Fine sand, top 999.36 ft. MSL or 28 ft.  
 G. Filter pack, top 998.36 ft. MSL or 29 ft.  
 H. Screen joint, top 997.36 ft. MSL or 30 ft.  
 I. Well bottom 992.36 ft. MSL or 35 ft.  
 J. Filter pack, bottom 992.36 ft. MSL or 35 ft.  
 K. Borehole, bottom 992.36 ft. MSL or 35 ft.  
 L. Borehole, diameter 2 in.  
 M. O.D. well casing 2.25 in.  
 N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature [Signature] Firm REI Engineering, Inc.  
 4080 N. 20th Ave.  
 Wausau, WI 54407

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Route To: Solid Waste  Haz. Waste  Wastewater   
 Env. Response & Repair  Underground Tanks  Other

Facility/Project Name Former Normington Dry Cleaners	County Name Wood	Well Name CPZ7	
Facility Licence, Permit or Monitoring Number BRRTS# 02-72-257528	County Code 72	Wis. Unique Well Number	DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method

- surged with bailer and bailed  41
- surged with bailer and pumped  61
- surged with block and bailed  42
- surged with block and pumped  62
- surged with block, bailed and pumped  70
- compressed air  20
- bailed only  10
- pumped only  51
- pumped slowly  50
- Other

3. Time spent developing well 40 min.

4. Depth of well (from top of Casing) 34.8 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 6 gal.

7. Volume of water removed from well 30 gal.

8. Volume of water added (If any) gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
 (If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 15.95 ft.	30.91 ft.
Data mm/dd/yy	b. 4/28/16	4/28/16
Time	c. 8:55 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.	9:35 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.
12. Sediment in well bottom	0 inches	0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jared Szews REI

Firm: REI Engineering, Inc.  
 4020 N 20th Ave.  
 Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Initials: J S


Firm: REI Engineering, Inc.

Route To: **Watershed/Wastewater**  **Waste Management**   
**Remediation/Redevelopment**  **Other**

<b>Facility/Project Name</b> Former Normington Dry Cleaners		<b>License/Permit/Monitoring Number</b> BRRTS #02-72-257528		<b>Boring Number</b> CPZ8	
<b>Boring Drilled By: Name of crew chief (first, last) and Firm</b> Darrin - Geiss Soil & Samples			<b>Date Drilling Started</b> 4/1/16	<b>Date Drilling Completed</b> 4/1/16	<b>Drilling Method</b> 4.25" ID HSA
<b>WI Unique Well No.</b>	<b>DNR Well ID No.</b>	<b>Common Well Name</b> CPZ8	<b>Final Static Water Level</b>	<b>Surface Elevation</b> 1027.22	<b>Borehole Diameter</b> 8" Z8
<b>Local Grid Origin</b> <input type="checkbox"/> (estimated) <input type="checkbox"/> or <b>Boring Location</b> <input checked="" type="checkbox"/> CPZ8			<b>Lat</b>	<b>Local Grid Location</b> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
<b>Facility ID</b>		<b>County</b> Wood	<b>County Code</b> 72	<b>Civil Town/City/or Village</b> Wisconsin Rapids	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Aft. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1	Blind Drill to 35'										
				2											
				3											
				4											
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**Signature**  **Firm** **REI Engineering, Inc.**  
4080 North 20th Avenue, Wausau, WI

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Route To Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other

<b>Facility/Project Name</b> Normington Cleaners (Former)	<b>Local Grid Location of Well</b> Feet S. ___ Feet W. ___ Feet N. ___ Feet E. ___	<b>Well Name</b> CPZ8
<b>Facility License Permit or Monitoring Number</b> BRRTS # 02-72-257528	<b>Grid Origin Location</b>	<b>Wis. Unique Well Number</b> _____ <b>DNR Well Number</b> _____
<b>Type of Well</b> Water Table Observation Well <input type="checkbox"/> ft Piezometer <input checked="" type="checkbox"/> 2	<b>Section Location of Waste/Source</b> <input type="checkbox"/> E <input type="checkbox"/> W	<b>Date Well Installed</b> 4/1/16
<b>Distance Well Is From Waste/Source Boundary</b> Ft. _____	<b>Location of Well Relative to Waste/Source</b> u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	<b>Well Installed By (Person's Name and Firm)</b> Darrin Prentice - Geiss Soil and Sample
<b>Is Well A Point of Enforcement Std. Application</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation 1027.71 ft. MSL  
 B. Well casing, top elevation 1027.22 ft. MSL  
 C. Land surface elevation 1027.71 ft. MSL  
 D. Surface seal, bottom 1 ft. MSL or 1026.71 ft.

12. USCS Classification of soil near screen:

GP <input type="checkbox"/>	GM <input type="checkbox"/>	GC <input type="checkbox"/>	GW <input type="checkbox"/>	SW <input type="checkbox"/>	SP <input checked="" type="checkbox"/>
SM <input type="checkbox"/>	SC <input type="checkbox"/>	ML <input type="checkbox"/>	MH <input type="checkbox"/>	CL <input type="checkbox"/>	CH <input type="checkbox"/>
Bedrock <input type="checkbox"/>					

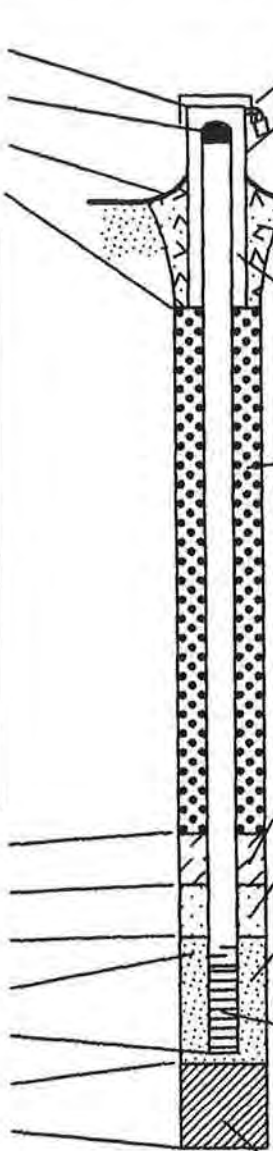
13. Sieve analysis attached?  Yes  No

14. Drilling method used Rotary  50  
Hollow Stem Auger  41  
Other

15. Drilling fluid used: Water  02 Air  01  
Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
Describe \_\_\_\_\_

17. Source of water (attach analysis):  
\_\_\_\_\_



1. Cap and lock?  Yes  No

2. Protective cover pipe:  
 a. Inside diameter: \_\_\_\_\_ in.  
 b. Length: \_\_\_\_\_ ft.  
 c. Material: Steel  04  
Other   
 d. Additional protection?  Yes  No  
 If yes, describe: \_\_\_\_\_

3. Surface seal: Bentonite  30  
Concrete  01  
Other

4. Material between well casing and protective pipe:  
 Bentonite  30  
Annular space seal   
Other

5. Annular space seal:  
 a. Granular Bentonite  33  
 b. \_\_\_\_\_ Lbs/gal mud weight \_\_\_\_\_ Bentonite-sand slurry  35  
 c. \_\_\_\_\_ Lbs/gal mud weight \_\_\_\_\_ Bentonite slurry  31  
 d. \_\_\_\_\_ %Bentonite \_\_\_\_\_ Bentonite-cement grout  50  
 e. 5.2 ft<sup>3</sup> Volume added for any of the above  
 f. How installed: Tremie  01  
Tremie pumped  02  
Gravity  08

6. Bentonite seal:  
 a. Bentonite Granules  33  
 b.  1/4 in.  3/8 in.  1/2 in. Bentonite pellets  32  
 c. \_\_\_\_\_ Other

7. Fine sand material Manufacturer, product name and mesh size  
 a. #60 Badger  
 b. Volume added .2 ft<sup>3</sup>

8. Filter pack material: Manufacturer, product name and mesh size  
 a. #30 Red Flint  
 b. Volume added 1.3 ft<sup>3</sup>

9. Well casing: Flush threaded PVC schedule 40  23  
Flush threaded PVC schedule 80  24  
Other

10. Screen material: PVC  
 a. Screen type: Factory cut  11  
Continuous slot  01  
Other   
 b. Manufacturer US Filter  
 c. Slot size: 0.10 in.  
 d. Slotted length: 5 ft.

11. Backfill material (below filter Pack): None  14  
Other

E. Bentonite seal, top 1026.71 ft. MSL or 1 ft.  
 F. Fine sand, top 999.41 ft. MSL or 28 ft.  
 G. Filter pack, top 998.41 ft. MSL or 29 ft.  
 H. Screen joint, top 997.41 ft. MSL or 30 ft.  
 I. Well bottom 992.41 ft. MSL or 35 ft.  
 J. Filter pack, bottom 992.41 ft. MSL or 35 ft.  
 K. Borehole, bottom 992.41 ft. MSL or 35 ft.  
 L. Borehole, diameter 2 in.  
 M. O.D. well casing 2.25 in.  
 N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature [Signature] Firm REI Engineering, Inc.  
4080 N. 20th Ave.  
Wausau, WI 54401

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160 Wis. Stats. and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144 Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147 Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. see instructions for more information including where the completed form should be sent.

Facility/Project Name Former Normington Dry Cleaners	County Name Wood	Well Name CPZ8	
Facility Licence, Permit or Monitoring Number BRRTS# 02-72-257528	County Code 72	Wis. Unique Well Number	DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method

- surged with bailer and bailed  41
- surged with bailer and pumped  61
- surged with block and bailed  42
- surged with block and pumped  62
- surged with block, bailed and pumped  70
- compressed air  20
- bailed only  10
- pumped only  51
- pumped slowly  50
- Other

3. Time spent developing well 30 min.

4. Depth of well (from top of Casing) 34.78 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 6 gal.

7. Volume of water removed from well 35 gal.

8. Volume of water added (If any) gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 15.68 ft.	28.06 ft.
Data mm/dd/yy	b. 4/28/16	4/28/16
Time	c. 10:00 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.	10:30 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.
12. Sediment in well bottom	0 inches	0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Fill in if drilling fluids were used and well is at solid waste facility:


16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jared Szews REI

Firm: REI Engineering, Inc.  
4020 N 20th Ave.  
Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Initials: J S

Firm: REI Engineering, Inc.

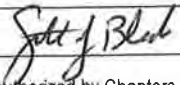
NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name Former Normington Dry Cleaners		License/Permit/Monitoring Number BRTS #02-72-257528		Boring Number CPZ10	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin - Geiss Soil & Samples			Date Drilling Started 6/27/2017	Date Drilling Completed 6/27/2017	Drilling Method 4.25" ID HSA
WI Unique Well No.	DNR Well ID No.	Common Well Name CPZ10	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8" 'Z10
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> CPZ10			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Wood	County Code 72	Civil Town/City/or Village Wisconsin Rapids	

Sample				Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
					1	Blind Drill to 35'										
					2											
					3											
					4											
					5											
					6											
					7											
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					32											
					33											
					34											
					35											
					36											
End of Boring, PZ set at 35'																

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature  Firm REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

This form is authorized by Chapters 281,283,289,292,293,295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name Former Normington Dry Cleaners		License/Permit/Monitoring Number BRRS #02-72-257528		Boring Number CPZ11	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin - Geiss Soil & Samples			Date Drilling Started 6/27/2017	Date Drilling Completed 6/27/2017	Drilling Method 4.25" ID HSA
WI Unique Well No.	DNR Well ID No.	Common Well Name CPZ11	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8" 'Z11
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> PZ11			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane		Long			
Facility ID		County Wood	County Code 72	Civil Town/City/or Village Wisconsin Rapids	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1	Blind Drill to 35'										
				2											
				3											
				4											
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				34											
				35											
				36	End of Boring, PZ set at 35'										

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature  Firm REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name Former Normington Dry Cleaners		License/Permit/Monitoring Number BRRS #02-72-257528		Boring Number CPZ9	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin - Geiss Soil & Samples			Date Drilling Started 6/27/2017	Date Drilling Completed 6/27/2017	Drilling Method 4.25" ID HSA
WI Unique Well No.	DNR Well ID No.	Common Well Name CPZ9	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8" '9
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> CPZ9			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Wood	County Code 72	Civil Town/City/or Village Wisconsin Rapids	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1	Blind Drill to 35'										
				2											
				3											
				4											
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				34											
				35											
				36											
End of Boring, PZ set at 35'															

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature *John J. Blah* Firm REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

This form is authorized by Chapters 281,283,289,292,293,295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Facility/Project Name: F. Normington Dry Cleaners  
 Local Grid Location of Well: \_\_\_\_\_ ft.  N. \_\_\_\_\_ ft.  E. \_\_\_\_\_ ft.  S. \_\_\_\_\_ ft.  W.  
 Well Name: \_\_\_\_\_  
 Facility License, Permit or Monitoring No.: \_\_\_\_\_  
 Local Grid Origin  (estimated: ) or Well Location   
 Lat. \_\_\_\_\_ " or \_\_\_\_\_ " or \_\_\_\_\_ "  
 Long. \_\_\_\_\_ " or \_\_\_\_\_ " or \_\_\_\_\_ "  
 Date Well Installed: 06/27/2017  
 m m d d y y v v y y  
 Well Installed By: Name (first, last) and Firm  
Darrin Prentice  
Geiss Soil + Samples LLC  
 Facility ID: \_\_\_\_\_  
 St. Plane \_\_\_\_\_ ft. N. \_\_\_\_\_ ft. E. S/C/N  
 Section Location of Waste/Source  
 1/4 of \_\_\_\_\_ 1/4 of Sec. \_\_\_\_\_ T. \_\_\_\_\_ N. R.  E  W  
 Type of Well  
 Well Code 11 / MW  
 Location of Well Relative to Waste/Source  
 u  Upgradient s  Sidegradient  
 d  Downgradient n  Not Known  
 Gov. Lot Number \_\_\_\_\_  
 Distance from Waste/Source \_\_\_\_\_ ft.  
 Enf. Stds. Apply

A. Protective pipe, top elevation \_\_\_\_\_ ft. MSL  
 B. Well casing, top elevation \_\_\_\_\_ ft. MSL  
 C. Land surface elevation \_\_\_\_\_ ft. MSL  
 D. Surface seal, bottom \_\_\_\_\_ ft. MSL or 0 ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No  
 14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99  
 16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_  
 17. Source of water (attach analysis, if required): \_\_\_\_\_

E. Bentonite seal, top \_\_\_\_\_ ft. MSL or 1 ft.  
 F. Fine sand, top \_\_\_\_\_ ft. MSL or 1 ft.  
 G. Filter pack, top \_\_\_\_\_ ft. MSL or 28 ft.  
 H. Screen joint, top \_\_\_\_\_ ft. MSL or 30 ft.  
 I. Well bottom \_\_\_\_\_ ft. MSL or 35 ft.  
 J. Filter pack, bottom \_\_\_\_\_ ft. MSL or 36 ft.  
 K. Borehole, bottom \_\_\_\_\_ ft. MSL or 36 ft.  
 L. Borehole, diameter 8.25 in.  
 M. O.D. well casing 2.40 in.  
 N. I.D. well casing 2.06 in.

1. Cap and lock?  Yes  No  
 2. Protective cover pipe:  
 a. Inside diameter: \_\_\_\_\_ in.  
 b. Length: \_\_\_\_\_ ft.  
 c. Material: Steel  04  
 Other   
 d. Additional protection?  Yes  No  
 If yes, describe: \_\_\_\_\_  
 3. Surface seal:  
 Bentonite  30  
 Concrete  01  
 Other   
 4. Material between well casing and protective pipe:  
 Bentonite  30  
 Other   
 5. Annular space seal:  
 a. Granular/Chipped Bentonite  33  
 b. \_\_\_\_\_ Lbs/gal mud weight ... Bentonite-sand slurry  35  
 c. \_\_\_\_\_ Lbs/gal mud weight ... Bentonite slurry  31  
 d. \_\_\_\_\_ % Bentonite ... Bentonite-cement grout  50  
 e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
 f. How installed: Tremie  01  
 Tremie pumped  02  
 Gravity  08  
 6. Bentonite seal:  
 a. Bentonite granules  33  
 b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32  
 c. Other   
 7. Fine sand material: Manufacturer, product name & mesh size  
 a. #15 Red Flint  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>  
 8. Filter pack material: Manufacturer, product name & mesh size  
 a. #40 Red Flint  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>  
 9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other   
 10. Screen material: PVC  
 a. Screen type: Factory cut  11  
 Continuous slot  01  
 Other   
 b. Manufacturer Johnson  
 c. Slot size: \_\_\_\_\_ 0.010 in.  
 d. Slotted length: \_\_\_\_\_ 5 ft.  
 11. Backfill material (below filter pack): None  14  
 Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: Darrin Prentice Firm: Geiss Soil + Samples LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.



Facility/Project Name <b>F. Normington Dry Cleaners</b>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: ) or Well Location Lat. " Long. " or " "	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed <b>06/27/2017</b> m m d d y y y y
Type of Well Well Code <b>11, MW</b>	Section Location of Waste/Source 1/4 of 1/4 of Sec. T. N, R. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <b>Darrin Prentice Geiss Soil + Samples LLC</b>
Distance from Waste/Source ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number	

A. Protective pipe, top elevation	ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation	ft. MSL	2. Protective cover pipe: a. Inside diameter: <b>8</b> in. b. Length: <b>1</b> ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation	ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe:
D. Surface seal, bottom	ft. MSL or <b>0</b> ft.	3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>		4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. Lbs/gal mud weight... Bentonite-sand slurry <input type="checkbox"/> 35 c. Lbs/gal mud weight... Bentonite slurry <input type="checkbox"/> 31 d. % Bentonite... Bentonite-cement grout <input type="checkbox"/> 50 e. Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>		6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99		7. Fine sand material: Manufacturer, product name & mesh size a. <b>#15 Red Flint</b> b. Volume added <b>1</b> ft <sup>3</sup>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe		8. Filter pack material: Manufacturer, product name & mesh size a. <b>#40 Red Flint</b> b. Volume added <b>1</b> ft <sup>3</sup>
17. Source of water (attach analysis, if required):		9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top	ft. MSL or <b>1</b> ft.	10. Screen material: <b>PVC</b> a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top	ft. MSL or <b>1</b> ft.	b. Manufacturer <b>Johnson</b> c. Slot size: <b>0.110</b> in. d. Slotted length: <b>5</b> ft.
G. Filter pack, top	ft. MSL or <b>26</b> ft.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input checked="" type="checkbox"/>
H. Screen joint, top	ft. MSL or <b>28</b> ft.	
I. Well bottom	ft. MSL or <b>33</b> ft.	
J. Filter pack, bottom	ft. MSL or <b>36</b> ft.	
K. Borehole, bottom	ft. MSL or <b>36</b> ft.	
L. Borehole, diameter	<b>8.25</b> in.	
M. O.D. well casing	<b>2.40</b> in.	
N. I.D. well casing	<b>2.06</b> in.	

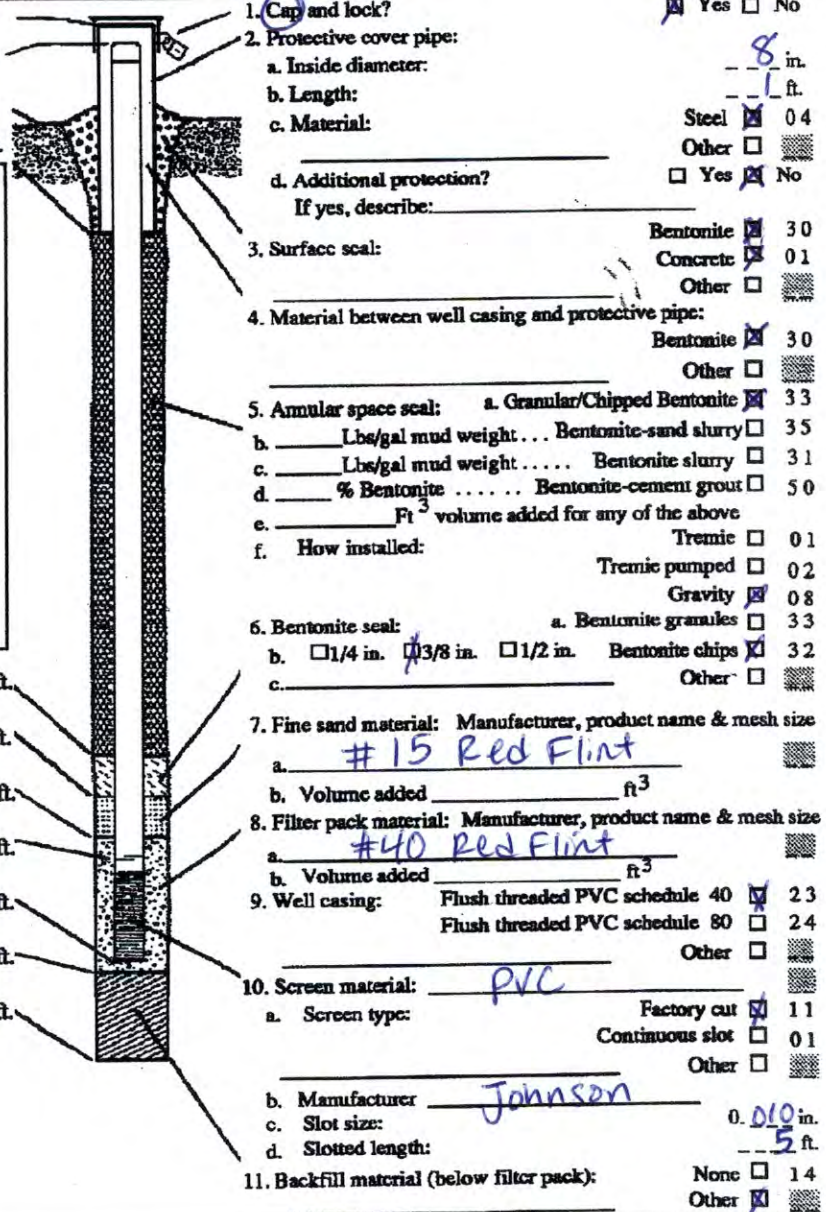
I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: **Darrin Prentice** Firm: **Geiss Soil + Samples LLC**

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name: F. Normington Dry Cleaners  
 Local Grid Location of Well: \_\_\_\_\_ ft.  N. \_\_\_\_\_ ft.  E. \_\_\_\_\_ ft.  S. \_\_\_\_\_ ft.  W.  
 Facility License, Permit or Monitoring No.: \_\_\_\_\_  
 Local Grid Origin (estimated: ) or Well Location   
 Lat. \_\_\_\_\_ " Long. \_\_\_\_\_ " or \_\_\_\_\_  
 Facility ID: \_\_\_\_\_  
 St. Plane \_\_\_\_\_ ft. N. \_\_\_\_\_ ft. E. S/C/N  
 Section Location of Waste/Source  
 1/4 of \_\_\_\_\_ 1/4 of Sec. \_\_\_\_\_ T. \_\_\_\_\_ N. R.  E.  W.  
 Well Name: \_\_\_\_\_  
 Wis. Unique Well No. \_\_\_\_\_ DNR Well ID No. \_\_\_\_\_  
 Date Well Installed: 06/27/2017  
 Well Installed By: Name (first, last) and Firm  
Darrin Prentice  
Beiss Soil + Samples LLC  
 Well Code: 11 / MW  
 Distance from Waste/Source \_\_\_\_\_ ft. Enf. Stds. Apply   
 Location of Well Relative to Waste/Source  
 u  Upgradient s  Sidegradient  
 d  Downgradient n  Not Known  
 Gov. Lot Number \_\_\_\_\_

A. Protective pipe, top elevation \_\_\_\_\_ ft. MSL  
 B. Well casing, top elevation \_\_\_\_\_ ft. MSL  
 C. Land surface elevation \_\_\_\_\_ ft. MSL  
 D. Surface seal, bottom \_\_\_\_\_ ft. MSL or 0 ft.  
 12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock   
 13. Sieve analysis performed?  Yes  No  
 14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other   
 15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99  
 16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_  
 17. Source of water (attach analysis, if required): \_\_\_\_\_



E. Bentonite seal, top \_\_\_\_\_ ft. MSL or 1 ft.  
 F. Fine sand, top \_\_\_\_\_ ft. MSL or 1 ft.  
 G. Filter pack, top \_\_\_\_\_ ft. MSL or 28 ft.  
 H. Screen joint, top \_\_\_\_\_ ft. MSL or 30 ft.  
 I. Well bottom \_\_\_\_\_ ft. MSL or 35 ft.  
 J. Filter pack, bottom \_\_\_\_\_ ft. MSL or 36 ft.  
 K. Borehole, bottom \_\_\_\_\_ ft. MSL or 36 ft.  
 L. Borehole, diameter 8.25 in.  
 M. O.D. well casing 2.40 in.  
 N. I.D. well casing 2.06 in.

1. Cap and lock?  Yes  No  
 2. Protective cover pipe:  
 a. Inside diameter: \_\_\_\_\_ in. 8  
 b. Length: \_\_\_\_\_ ft. 1  
 c. Material: Steel  04  
 Other   
 d. Additional protection?  Yes  No  
 If yes, describe: \_\_\_\_\_  
 3. Surface seal: Bentonite  30  
 Concrete  01  
 Other   
 4. Material between well casing and protective pipe: Bentonite  30  
 Other   
 5. Annular space seal: a. Granular/Chipped Bentonite  33  
 b. \_\_\_\_\_ Lbs/gal mud weight ... Bentonite-sand slurry  35  
 c. \_\_\_\_\_ Lbs/gal mud weight ... Bentonite slurry  31  
 d. \_\_\_\_\_ % Bentonite ... Bentonite-cement grout  50  
 e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
 f. How installed: Tremie  01  
 Tremie pumped  02  
 Gravity  08  
 6. Bentonite seal: a. Bentonite granules  33  
 b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32  
 c. \_\_\_\_\_ Other   
 7. Fine sand material: Manufacturer, product name & mesh size  
 a. #15 Red Flint  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>  
 8. Filter pack material: Manufacturer, product name & mesh size  
 a. #40 Red Flint  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>  
 9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other   
 10. Screen material: PVC  
 a. Screen type: Factory cut  11  
 Continuous slot  01  
 Other   
 b. Manufacturer Johnson  
 c. Slot size: \_\_\_\_\_ in. 0.010  
 d. Slotted length: \_\_\_\_\_ ft. 5  
 11. Backfill material (below filter pack): None  14  
 Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: Darrin Prentice Firm: Beiss Soil + Samples LLC

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Facility/Project Name Former Normington Dry Cleaners	County Name Wood	Well Name CPZ-9
Facility Licence, Permit or Monitoring Number BRRTS# 02-72-257528	County Code 72	Wis. Unique Well Number
		DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method

- surged with bailer and bailed  41
- surged with bailer and pumped  61
- surged with block and bailed  42
- surged with block and pumped  62
- surged with block, bailed and pumped  70
- compressed air  20
- bailed only  10
- pumped only  51
- pumped slowly  50
- Other \_\_\_\_\_

3. Time spent developing well 20 min.

4. Depth of well (from top of Casing) 34.52 ft.

5. Inside diameter of well 1.9 in.

6. Volume of water in filter pack and well casing 4.4 gal.

7. Volume of water removed from well 30 gal.

8. Volume of water added (If any) gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 17.15 ft.	17.7 ft.
Data mm/dd/yy	b. 7/5/17	7/5/17
Time	c. 10:50 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.	11:10 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.
12. Sediment in well bottom	0.84 inches	0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) turbid	Clear <input checked="" type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe) slightly turbid-mostly clear
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

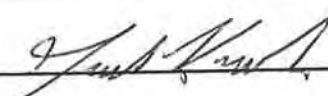
16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jed Kosch

Firm: REI Engineering, Inc.  
4020 N 20th Ave.  
Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Initials: ---

Firm: REI Engineering, Inc.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name Former Normington Dry Cleaners	County Name Wood	Well Name CPZ-10
Facility Licence, Permit or Monitoring Number BRRTS# 02-72-257528	County Code 72	Wis. Unique Well Number
		DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method

- surged with bailer and bailed  41
- surged with bailer and pumped  61
- surged with block and bailed  42
- surged with block and pumped  62
- surged with block, bailed and pumped  70
- compressed air  20
- bailed only  10
- pumped only  51
- pumped slowly  50
- Other \_\_\_\_\_

3. Time spent developing well 25 min.

4. Depth of well (from top of Casing) 32.07 ft.

5. Inside diameter of well 1.9 in.

6. Volume of water in filter pack and well casing 4.4 gal.

7. Volume of water removed from well 30 gal.

8. Volume of water added (if any) gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 16.72 ft.	20.51 ft.
Data mm/dd/yy	b. 7/5/17	7/5/17
Time	c. 10:25 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.	10:50 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.
12. Sediment in well bottom	0.84 inches	0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) turbid	Clear <input checked="" type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe) slightly turbid-mostly clear
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l


16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jed Kosch

Firm: REI Engineering, Inc.  
4020 N 20th Ave.  
Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Initials: ---

Firm: REI Engineering, Inc.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name Former Normington Dry Cleaners	County Name Wood	Well Name CPZ-11	
Facility Licence, Permit or Monitoring Number BRRTS# 02-72-257528	County Code 72	Wis. Unique Well Number	DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method

- surged with bailer and bailed  41
- surged with bailer and pumped  61
- surged with block and bailed  42
- surged with block and pumped  62
- surged with block, bailed and pumped  70
- compressed air  20
- bailed only  10
- pumped only  51
- pumped slowly  50
- Other \_\_\_\_\_

3. Time spent developing well 30 min.

4. Depth of well (from top of Casing) 34.71 ft.

5. Inside diameter of well 1.9 in.

6. Volume of water in filter pack and well casing 4.4 gal.

7. Volume of water removed from well 30 gal.

8. Volume of water added (if any) gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 16.72 ft.	27.48 ft.
Data mm/dd/yy	b. 7/5/17	7/5/17
Time	c. 9:55 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.	10:25 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.
12. Sediment in well bottom	1.08 inches	0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) turbid	Clear <input checked="" type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe) slightly turbid-mostly clear
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l


16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jed Kosch

Firm: REI Engineering, Inc.  
4020 N 20th Ave.  
Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Initials: ---

Firm: REI Engineering, Inc.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes

Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name Former Normington Dry Cleaners		License/Permit/Monitoring Number BRRTS #02-72-257528		Boring Number CPZ12	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin - Geiss Soil & Samples			Date Drilling Started 6/21/2018	Date Drilling Completed 6/21/2018	Drilling Method 4.25" ID HSA
WI Unique Well No.	DNR Well ID No.	Common Well Name CPZ12	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> CPZ12			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Wood	County Code 72	Civil Town/City/or Village Wisconsin Rapids	

'Z12

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1	Blind Drill to 35'										
				2											
				3											
				4											
				5											
				6											
				7											
				8											
				9											
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				28											
				29											
				30											
				31											
				32											
				33											
				34											
				35											
				36	End of Boring, PZ set at 35'										

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature

Firm REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

This form is authorized by Chapters 281,283,289,292,293,295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name Former Normington Dry Cleaners		License/Permit/Monitoring Number BRRTS #02-72-257528		Boring Number CPZ13	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin - Geiss Soil & Samples			Date Drilling Started 6/21/2018	Date Drilling Completed 6/21/2018	Drilling Method 4.25" ID HSA
WI Unique Well No.	DNR Well ID No.	Common Well Name CPZ12	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> CPZ13 State Plane			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Wood	County Code 72	Civil Town/City/or Village Wisconsin Rapids	

'Z13

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1	Blind Drill to 35'										
				2											
				3											
				4											
				5											
				6											
				7											
				8											
				9											
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				30											
				31											
				32											
				33											
				34											
				35											
				36		End of Boring, PZ set at 35'									

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature

Firm **REI Engineering, Inc.**  
4080 North 20th Avenue, Wausau, WI

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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name Former Normington Dry Cleaners		License/Permit/Monitoring Number BRRTS #02-72-257528		Boring Number CPZ14	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin - Geiss Soil & Samples			Date Drilling Started 6/21/2018	Date Drilling Completed 6/21/2018	Drilling Method 4.25" ID HSA
WI Unique Well No.	DNR Well ID No.	Common Well Name CPZ12	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> CPZ14 State Plane			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Wood	County Code 72	Civil Town/City/or Village Wisconsin Rapids	

'14

Sample		Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			1	Blind Drill to 35'										
			2											
			3											
			4											
			5											
			6											
			7											
			8											
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			31											
			32											
			33											
			34											
			35											
			36											
				End of Boring, PZ set at 35'										

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature

Firm REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

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Route To Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other

Facility/Project Name Normington Dry Cleaners	Local Grid Location of Well Feet S. ___ Feet W. ___ Feet N. ___ Feet E. ___	Well Name CPZ12
Facility License Permit or Monitoring Number BRRTS #03-72-543059	Grid Origin Location	Ws. Unique Well Number DNR Well Number
Type of Well Water Table Observation Well <input type="checkbox"/> <sup>ff</sup> Piezometer <input checked="" type="checkbox"/> <sup>2</sup>	Section Location of Waste/Source <input type="checkbox"/> E <input type="checkbox"/> W	Date Well Installed 6/21/18
Distance Well Is From Waste/Source Boundary Ft. ___	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By (Person's Name and Firm) Darrin Prentice - Geiss Soil and Samples
Is Well A Point of Enforcement Std. Application <input type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation 1026.12 ft. MSL  
B. Well casing, top elevation 1025.73 ft. MSL  
C. Land surface elevation 1026.12 ft. MSL  
D. Surface seal, bottom \_\_\_ ft. MSL or 1026.00 ft.

12. USCS Classification of soil near screen:

GP <input type="checkbox"/>	GM <input type="checkbox"/>	GC <input type="checkbox"/>	GW <input type="checkbox"/>	SW <input type="checkbox"/>	SP <input type="checkbox"/>
SM <input type="checkbox"/>	SC <input type="checkbox"/>	ML <input type="checkbox"/>	MH <input type="checkbox"/>	CL <input checked="" type="checkbox"/>	CH <input type="checkbox"/>

Bedrock

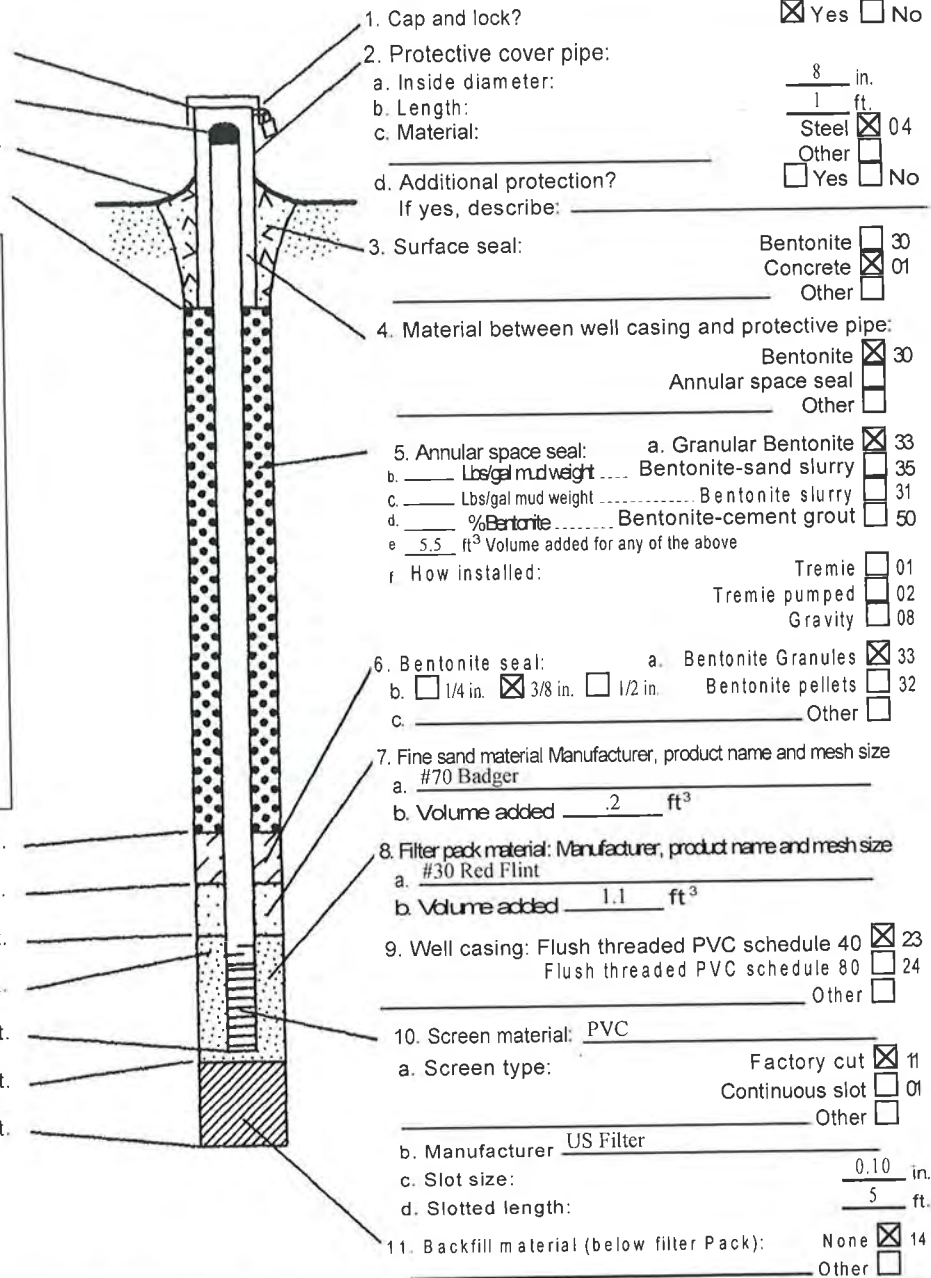
13. Sieve analysis attached?  Yes  No

14. Drilling method used  
Rotary  50  
Hollow Stem Auger  41  
Other

15. Drilling fluid used: Water  02 Air  01  
Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
Describe \_\_\_\_\_

17. Source of water (attach analysis):  
\_\_\_\_\_



E. Bentonite seal, top \_\_\_ ft. MSL or 1025.5 ft.  
F. Fine sand, top \_\_\_ ft. MSL or 998.23 ft.  
G. Filter pack, top \_\_\_ ft. MSL or 997.23 ft.  
H. Screen joint, top \_\_\_ ft. MSL or 996.23 ft.  
I. Well bottom \_\_\_ ft. MSL or 991.23 ft.  
J. Filter pack, bottom \_\_\_ ft. MSL or 990.75 ft.  
K. Borehole, bottom \_\_\_ ft. MSL or 990.75 ft.  
L. Borehole, diameter 8.25 in.  
M. O.D. well casing 2.25 in.  
N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature [Signature] Firm REI Engineering, Inc.  
4080 N. 20th Ave.  
Wausau, WI 54407

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160 Wis. Stats. and ch NR 141, Wis. Ad. Code. In accordance with ch. 144 Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch 147 Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. see instructions for more information including where the completed form should be sent.

Route To Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other

<b>Facility/Project Name</b> Normington Dry Cleaners	<b>Local Grid Location of Well</b> Feet S. ___ Feet W. ___ Feet N. ___ Feet E. ___	<b>Well Name</b> CPZ13
<b>Facility License Permit or Monitoring Number</b> BRRTS #03-72-543059	<b>Grid Origin Location</b>	<b>Wis. Unique Well Number</b> _____ <b>DNR Well Number</b> _____
<b>Type of Well</b> Water Table Observation Well <input type="checkbox"/> ft Piezometer <input checked="" type="checkbox"/> 2	<b>Section Location of Waste/Source</b> <input type="checkbox"/> E <input type="checkbox"/> W	<b>Date Well Installed</b> 6/21/18
<b>Distance Well Is From Waste/Source Boundary</b> Ft. _____	<b>Location of Well Relative to Waste/Source</b> u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	<b>Well Installed By (Person's Name and Firm)</b> Darrin Prentice - Geiss Soil and Samples

A. Protective pipe, top elevation 1026.36 ft. MSL  
 B. Well casing, top elevation 1025.84 ft. MSL  
 C. Land surface elevation 1026.36 ft. MSL  
 D. Surface seal, bottom \_\_\_\_\_ ft. MSL or 1025.25 ft.

12. USCS Classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

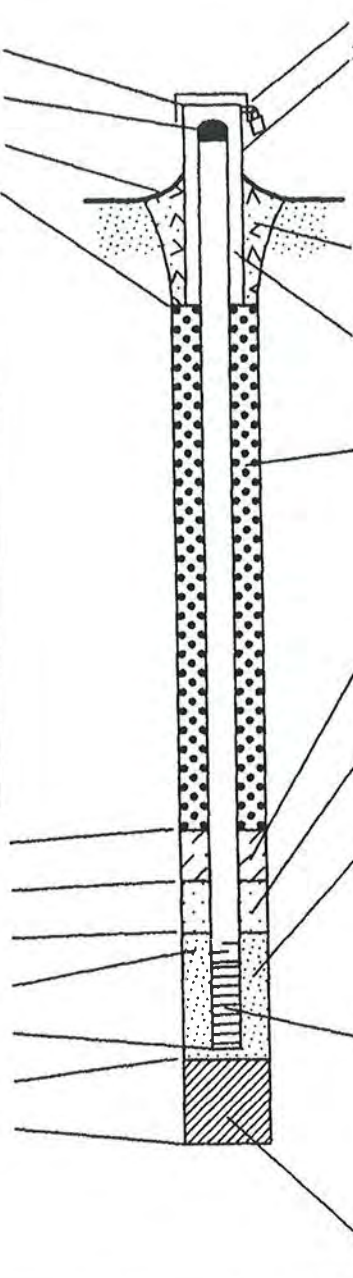
13. Sieve analysis attached?  Yes  No

14. Drilling method used Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_

17. Source of water (attach analysis):  
 \_\_\_\_\_



1. Cap and lock?  Yes  No

2. Protective cover pipe:  
 a. Inside diameter: 8 in.  
 b. Length: 1 ft.  
 c. Material: Steel  04  
 Other   
 d. Additional protection?  Yes  No  
 If yes, describe: \_\_\_\_\_

3. Surface seal: Bentonite  30  
 Concrete  01  
 Other

4. Material between well casing and protective pipe:  
 Bentonite  30  
 Annular space seal   
 Other

5. Annular space seal:  
 a. Granular Bentonite  33  
 b. \_\_\_\_\_ Lbs/gal mud weight \_\_\_\_\_ Bentonite-sand slurry  35  
 c. \_\_\_\_\_ Lbs/gal mud weight \_\_\_\_\_ Bentonite slurry  31  
 d. \_\_\_\_\_ %Bentonite \_\_\_\_\_ Bentonite-cement grout  50  
 e. 5.5 ft<sup>3</sup> Volume added for any of the above  
 f. How installed: Tremie  01  
 Tremie pumped  02  
 Gravity  08

6. Bentonite seal:  
 a. Bentonite Granules  33  
 b.  1/4 in.  3/8 in.  1/2 in. Bentonite pellets  32  
 c. \_\_\_\_\_ Other

7. Fine sand material Manufacturer, product name and mesh size  
 a. #70 Badger  
 b. Volume added .2 ft<sup>3</sup>

8. Filter pack material: Manufacturer, product name and mesh size  
 a. #30 Red Flint  
 b. Volume added 1.1 ft<sup>3</sup>

9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other

10. Screen material: PVC  
 a. Screen type: Factory cut  11  
 Continuous slot  01  
 Other   
 b. Manufacturer US Filter  
 c. Slot size: 0.10 in.  
 d. Slotted length: 5 ft.

11. Backfill material (below filter Pack): None  14  
 Other

E. Bentonite seal, top \_\_\_\_\_ ft. MSL or 1025.25 ft.  
 F. Fine sand, top \_\_\_\_\_ ft. MSL or 998.06 ft.  
 G. Filter pack, top \_\_\_\_\_ ft. MSL or 997.06 ft.  
 H. Screen joint, top \_\_\_\_\_ ft. MSL or 996.06 ft.  
 I. Well bottom \_\_\_\_\_ ft. MSL or 991.06 ft.  
 J. Filter pack, bottom \_\_\_\_\_ ft. MSL or 990.50 ft.  
 K. Borehole, bottom \_\_\_\_\_ ft. MSL or 990.50 ft.  
 L. Borehole, diameter 8.25 in.  
 M. O.D. well casing 2.25 in.  
 N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature [Signature] Firm REI Engineering, Inc.  
 4080 N. 20th Ave.  
 Wausau, WI 54401

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160 Wis. Stats. and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144 Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$500 for each day of violation. In accordance with ch. 147 Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route To Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other

Facility/Project Name Normington Dry Cleaners	Local Grid Location of Well Feet S. ___ Feet W. ___ Feet N. ___ Feet E. ___	Well Name CPZ14
Facility License Permit or Monitoring Number BRRTS #03-72-543059	Grid Origin Location	Ms. Unique Well Number DNR Well Number
Type of Well Water Table Observation Well <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Piezometer <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Section Location of Waste/Source 1/4 of ___ 1/4 of Sec. ___, T. ___ N.; R. ___ E. <input type="checkbox"/> W. <input type="checkbox"/>	Date Well Installed 6/21/18
Distance Well Is From Waste/Source Boundary Ft. _____	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By (Person's Name and Firm) Darrin Prentice - Geiss Soil and Samples
Is Well A Point of Enforcement Std. Application <input type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation 1026.88 ft. MSL  
B. Well casing, top elevation 1026.53 ft. MSL  
C. Land surface elevation 1026.88 ft. MSL  
D. Surface seal, bottom \_\_\_\_\_ ft. MSL or 1026.25 ft.

12. USCS Classification of soil near screen:

GP  GM  GC  GW  SW  SP   
SM  SC  ML  MH  CL  CH   
Bedrock

13. Sieve analysis attached?  Yes  No

14. Drilling method used  
Rotary  50  
Hollow Stem Auger  41  
Other

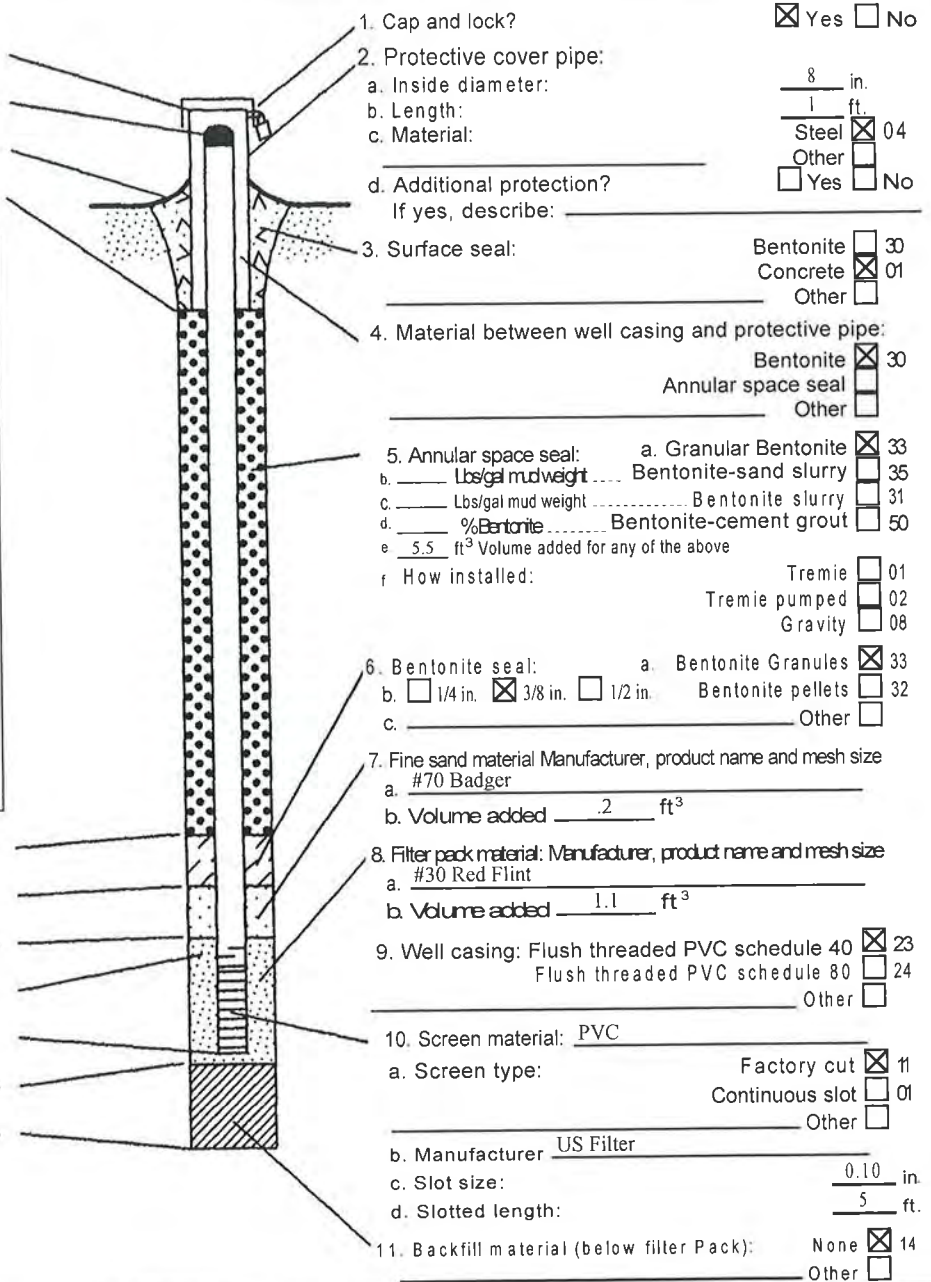
15. Drilling fluid used: Water  02 Air  01  
Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No

Describe \_\_\_\_\_

17. Source of water (attach analysis):  
\_\_\_\_\_

E. Bentonite seal, top \_\_\_\_\_ ft. MSL or 1026.25 ft.  
F. Fine sand, top \_\_\_\_\_ ft. MSL or 998.93 ft.  
G. Filter pack, top \_\_\_\_\_ ft. MSL or 997.93 ft.  
H. Screen joint, top \_\_\_\_\_ ft. MSL or 996.93 ft.  
I. Well bottom \_\_\_\_\_ ft. MSL or 991.93 ft.  
J. Filter pack, bottom \_\_\_\_\_ ft. MSL or 991.5 ft.  
K. Borehole, bottom \_\_\_\_\_ ft. MSL or 991.5 ft.  
L. Borehole, diameter 8.25 in.  
M. O.D. well casing 2.25 in.  
N. I.D. well casing 2.0 in.



I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature RSA

Firm REI Engineering, Inc.  
4080 N. 20th Ave.  
Wausau, WI 54401

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160 Wis. Stats. and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144 Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147 Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only, see instructions for more information including where the completed form should be sent.

Facility/Project Name Normington Dry Cleaners	County Name Wood	Well Name CPZ13
Facility Licence, Permit or Monitoring Number BRRTS #02-72-257828	County Code 72	Wis. Unique Well Number
		DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method

- surged with bailer and bailed  41
- surged with bailer and pumped  61
- surged with block and bailed  42
- surged with block and pumped  62
- surged with block, bailed and pumped  70
- compressed air  20
- bailed only  10
- pumped only  51
- pumped slowly  50
- Other \_\_\_\_\_

3. Time spent developing well 20 min.

4. Depth of well (from top of Casing) 34.78 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 5.3 gal.

7. Volume of water removed from well 35 gal.

8. Volume of water added (If any) gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 15.02 ft.	15.86 ft.
Data mm/dd/yy	b. 6/27/18	6/27/18
Time	c. 8:27 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.	8:48 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.
12. Sediment in well bottom	0.4 inches	0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input checked="" type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

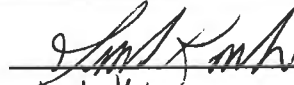
16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jed Kosch

Firm: REI Engineering, Inc.  
4020 N 20th Ave.  
Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Initials: J & K

Firm: REI Engineering, Inc.

<b>Facility/Project Name</b> Normington Dry Cleaners	<b>County Name</b> Wood	<b>Well Name</b> CPZ14	
<b>Facility Licence, Permit or Monitoring Number</b> BRRTS #02-72-257828	<b>County Code</b> 72	<b>Wis. Unique Well Number</b>	<b>DNR Well Number</b>

1. Can this well be purged dry?  Yes  No

2. Well development method

- surged with bailer and bailed  41
- surged with bailer and pumped  61
- surged with block and bailed  42
- surged with block and pumped  62
- surged with block, bailed and pumped  70
- compressed air  20
- bailed only  10
- pumped only  51
- pumped slowly  50
- Other \_\_\_\_\_

3. Time spent developing well 21 min.

4. Depth of well (from top of Casing) 34.6 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 5.3 gal.

7. Volume of water removed from well 35 gal.

8. Volume of water added (if any) gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

	Before Development	After Development
<b>11. Depth to Water</b> (from top of well casing)	a. 16.86 ft.	17.68 ft.
<b>Data</b> mm/dd/yy	b. 6/27/18	6/27/18
<b>Time</b>	c. 7:46 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.	8:17 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.
<b>12. Sediment in well bottom</b>	0.5 inches	0 inches
<b>13. Water clarity</b>	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input checked="" type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
<b>14. Total suspended solids</b>	mg/l	mg/l
<b>15. COD</b>	mg/l	mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jed Kosch

Firm: REI Engineering, Inc.  
4020 N 20th Ave.  
Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: \_\_\_\_\_

Print Initials: \_ \_ \_

Firm: REI Engineering, Inc.

Facility/Project Name Normington Dry Cleaners	County Name Wood	Well Name CPZ12	
Facility Licence, Permit or Monitoring Number BRRTS #02-72-257828	County Code 72	Wis. Unique Well Number	DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method

- surged with bailer and bailed  41
- surged with bailer and pumped  61
- surged with block and bailed  42
- surged with block and pumped  62
- surged with block, bailed and pumped  70
- compressed air  20
- bailed only  10
- pumped only  51
- pumped slowly  50
- Other \_\_\_\_\_

3. Time spent developing well 25 min.

4. Depth of well (from top of Casing) 34.5 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 5.3 gal.

7. Volume of water removed from well 40 gal.

8. Volume of water added (If any) gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 15.06 ft.	22.06 ft.
Data mm/dd/yy	b. 6/27/18	6/27/18
Time	c. 9:01 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.	9:25 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.
12. Sediment in well bottom	0 inches	0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input checked="" type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

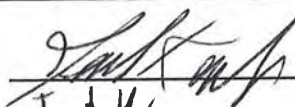
16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jed Kosch

Firm: REI Engineering, Inc.  
4020 N 20th Ave.  
Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Initials: JAK

Firm: REI Engineering, Inc.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

## **APPENDIX E**

### **SOIL AND WATER DISPOSAL DOCUMENTATION**



**LINCOLN COUNTY LANDFILL 715-536-9636**

Site: N4750 Landfill Lane, Merrill, WI 54452

Mailing: 801 N Sales St, Ste 201, Merrill, WI 54452

**OPERATING HOURS:**

Monday-Friday

SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm

WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm

1st and 3rd Sat. 8:00 am - Noon

DATE: 3/21/2016  
Time In: 12:25 PM

TICKET #: 210497      Vehicle #:  
Time Out: 01:18 PM

BILL TO: R.E.I.  
HAULER : R.E.I.

JOB : 16 - 24 B - REI #1933 Pioneer Bank, WI Rapids

PO# : REI job #1933

\$23.00 ton exempt (CON31)      1.81 tn

Gross: 17440

Tare: 13820

Net Weight: 3620

Scale Notes:

Charge Transaction

HAVE A NICE DAY!

Customer Signature \_\_\_\_\_

Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling law and the landfill bans. I also agree to pay 1.5% per month Late payment charge after 30 days.



Date: 8-8-07

**SPECIAL DISCHARGE FORM**  
GROUNDWATER CLEANUP PROJECTS

This form is intended to document the discharge of contaminated groundwater or process waters into the Wausau Wastewater Treatment Facility. Sewerage Utility billing for this discharge will be directly to the party listed below.

Source of Water: Monitoring Well purge water  
Up to 500 gallons, no Free product, no  
strong or volatile odors

Party Responsible for Utility Charges:

Dave Larsen  
REI Engineering Inc.  
4080 N 20th Ave  
Wausau WI 54401

Approved By: [Signature]  
Wausau Sewerage Utility

T# \_\_\_\_\_  
Date \_\_\_\_\_ GL# \_\_\_\_\_  
P# \_\_\_\_\_ BG# \_\_\_\_\_  
Approved By \_\_\_\_\_

**TO BE COMPLETED BY WASTE HAULER**

Name of Waste Hauler: REI Engineering, Inc.

Disposal Date: 5/2/16

Approximate quantity of water discharged: 250 gallons

Date of Discharge: 5/2/16

Time of Discharge: \_\_\_\_\_

By submitting this form, the hauler will not be billed for this load. Special Discharge Request has been completed to obtain authorization for this discharge but please notify treatment plant operator if water contains oil, grease, solids, or sediments, has a strong odor or otherwise appears unsuitable for discharge into the treatment plant.

**THIS FORM TO BE SUBMITTED TO SEWERAGE UTILITY BY WASTE HAULER AT TIME OF DISCHARGE**

903 axuc<sup>8/2</sup> - Tower Standard - 35 gal  
1425 axuc - Antac Property - 40 gal  
1933 B - Norrington Cleaners - 175 gal

**LINCOLN COUNTY LANDFILL 715-536-9636**

Site: N4750 Landfill Lane, Merrill, WI 54452

Mailing: 801 N Sales St, Ste 201, Merrill, WI 54452

**OPERATING HOURS:**

Monday-Friday

SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm

WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm

1st and 3rd Sat. 8:00 am - Noon

DATE: 6/28/2017  
Time In: 10:08 AM

TICKET #: 232074      Vehicle #:  
Time Out: 10:43 AM

BILL TO: R.E.I.  
HAULER : R.E.I.

JOB : 17 - 45 B - REI #1933 Pioneer Bank, WI Rapids

PO# : REI job #1933

\$23.00 ton exempt (CON31)      2.05 tn

Gross: 14480

Tare: 10380

Net Weight: 4100

Scale Notes:

Charge Transaction

HAVE A NICE DAY!

Customer Signature \_\_\_\_\_

Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling law and the landfill bans. I also agree to pay 1.5% per month Late payment charge after 30 days.

Date: 8-8-07

**SPECIAL DISCHARGE FORM**  
GROUNDWATER CLEANUP PROJECTS

This form is intended to document the discharge of contaminated groundwater or process waters into the Wausau Wastewater Treatment Facility. Sewerage Utility billing for this discharge will be directly to the party listed below.

Source of Water: Monitoring Well purge water  
Up to 500 gallons, no free product, no strong or volatile odors

Party Responsible for Utility Charges:

Dave Larsen  
REI Engineering Inc.  
4080 N. 20th Ave  
Wausau WI 54401

Approved By: [Signature]  
Wausau Sewerage Utility

**TO BE COMPLETED BY WASTE HAULER**

Name of Waste Hauler:

REI Engineering, Inc.  
Disposal date 7/13/17

Approximate quantity of water discharged: 220 gallons

Date of Discharge: 7/13/17

Time of Discharge: \_\_\_\_\_

By submitting this form, the hauler will not be billed for this load. Special Discharge Request has been completed to obtain authorization for this discharge but please notify treatment plant operator if water contains oil, grease, solids, or sediments, has a strong odor or otherwise appears unsuitable for discharge into the treatment plant.

**THIS FORM TO BE SUBMITTED TO SEWERAGE UTILITY BY WASTE HAULER AT TIME OF DISCHARGE**

20 gal - B61-6972 9mre

100 gal - 19330 - Normington

25 gal - B61-6392 Aluc Park side styles

15 gal - B61-6962 Bow nett

10 gal - 6345 - Qualtrix chewers

10 gal - B62-7739 WR max

40 gal - B61-6510 Moose Jc

**LINCOLN COUNTY LANDFILL 715-536-9636**  
Site: N4750 Landfill Lane, Merrill, WI 54452  
Mailing: 801 N Sales St, Ste 201, Merrill, WI 54452  
**OPERATING HOURS:**  
Monday-Friday  
SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm  
WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm  
1st and 3rd Sat. 8:00 am - Noon

DATE: 6/26/2018  
Time In: 10:23 AM

TICKET #: 248176      Vehicle #:  
Time Out: 10:31 AM

BILL TO: R.E.I.  
HAULER : R.E.I.

JOB : 18 - 33 G - Former Normington Dry Cleaners, WI Rapid  
PO# : REI job 1933  
Garbage (GAR1) 2.19 tn  
Gross: 16440      Tare: 12060      Net Weight: 4380

Scale Notes:      Charge Transaction  
FORMER NORMINGTON DRY CLEANERS

HAVE A NICE DAY!

Customer Signature \_\_\_\_\_  
Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling law and the landfill bans. I also agree to pay 1.5% per month Late payment charge after 30 days.

Date: 8-8-07

**SPECIAL DISCHARGE FORM**  
GROUNDWATER CLEANUP PROJECTS

This form is intended to document the discharge of contaminated groundwater or process waters into the Wausau Wastewater Treatment Facility. Sewerage Utility billing for this discharge will be directly to the party listed below.

Source of Water: Monitoring Well purge water  
Up to 500 gallons, no free product, no strong or volatile odors

Party Responsible for Utility Charges:  
Dave Larsen  
REI Engineering Inc.  
4080 N 20th Ave  
Wausau WI 54401

Approved By: [Signature]  
Wausau Sewerage Utility

T# \_\_\_\_\_  
Date \_\_\_\_\_  
P# \_\_\_\_\_  
Approved By \_\_\_\_\_  
GL# \_\_\_\_\_  
BG# \_\_\_\_\_

**TO BE COMPLETED BY WASTE HAULER**

Name of Waste Hauler: REI Engineering, Inc.  
Disposal date 7-12-18

Approximate quantity of water discharged: 387 gallons

Date of Discharge: 7/12/18

Time of Discharge: \_\_\_\_\_

By submitting this form, the hauler will not be billed for this load. Special Discharge Request has been completed to obtain authorization for this discharge but please notify treatment plant operator if water contains oil, grease, solids, or sediments, has a strong odor or otherwise appears unsuitable for discharge into the treatment plant.

**THIS FORM TO BE SUBMITTED TO SEWERAGE UTILITY BY WASTE HAULER AT TIME OF DISCHARGE**

Phillips Plating - 6134-B - 147 gallons  
Tower Standard - 903 - 130 gallons  
Norington dry cleaners - 1933-B - 110 gallons

**LINCOLN COUNTY LANDFILL 715-536-9636**  
Site: N4750 Landfill Lane, Merrill, WI 54452  
Mailing: 801 N Sales St, Ste 201, Merrill, WI 54452

**OPERATING HOURS:**

Monday-Friday  
SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm  
WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm  
1st and 3rd Sat. 8:00 am - Noon

DATE: 9/28/2018  
Time In: 12:38 PM

TICKET #: 253451  
Time Out: 12:46 PM

Vehicle #:

BILL TO: R.E.I.  
HAULER: R.E.I.

JOB : 18 - 33 G - Former Normington Dry Cleaners, WI Rapid  
PO# : REI job 1933  
Garbage (GAR1) 2.56 tn  
Gross: 17340 Tare: 12220 Net Weight: 5120

Scale Notes:

Charge Transaction

HAVE A NICE DAY!

Customer Signature \_\_\_\_\_  
Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling law and the landfill bans. I also agree to pay 1.5% per month Late payment charge after 30 days.

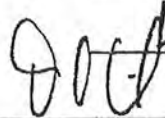
## SPECIAL DISCHARGE FORM

### GROUNDWATER CLEANUP PROJECTS

This form is intended to document the discharge of contaminated groundwater or process waters into the Wausau Wastewater Treatment Facility. Sewerage Utility billing for this discharge will be directly to the party listed below.

Source of Water: Monitoring Well purge water  
Up to 500 gallons, no free product, no  
strong or volatile odors

Party Responsible for Utility Charges:  
Dave Larsen  
REI Engineering Inc.  
4080 N 20th Ave  
Wausau WI 54401

Approved By:   
 Wausau Sewerage Utility

**TO BE COMPLETED BY WASTE HAULER**

Name of Waste Hauler: REI Engineering, Inc.  
Disposal 10/4/2018

Approximate quantity of water discharged: 795 gallons

Date of Discharge: 10/4/18

Time of Discharge: \_\_\_\_\_

By submitting this form, the hauler will not be billed for this load. Special Discharge Request has been completed to obtain authorization for this discharge but please notify treatment plant operator if water contains oil, grease, solids, or sediments, has a strong odor or otherwise appears unsuitable for discharge into the treatment plant.

**THIS FORM TO BE SUBMITTED TO SEWERAGE UTILITY BY WASTE HAULER AT TIME OF DISCHARGE**

1A B6417 - Trigs 100g	1933B - Naumington - 100g	1A B6416 - Trigs - 50
8344 B6122 - KT Tomah - 10g	8344 B6117 - WI #858 - 50g	8373 - Riiser - 325
8344 B6120 - KT Superior - 10g	7652 - Holiday 66 - 40g	
8344 B6118 - KT Rice Lake - 10g	6198 - Bayside - 60g	
8185 Blue Sky - 40g		

**LINCOLN COUNTY LANDFILL 715-536-9636**  
Site: N4750 Landfill Lane, Merrill, WI 54452  
Mailing: 801 N Sales St, Ste 201, Merrill, WI 544  
**OPERATING HOURS:**  
Monday-Friday  
SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm  
WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm  
1st and 3rd Sat. 8:00 am - Noon

DATE: 2/15/2019  
Time In: 10:53 AM

TICKET #: 258680  
Time Out: 10:58 AM

Vehicle #:

BILL TO: R.E.I.  
HAULER: R.E.I.

JOB : 19 - 8 G - Former Normington Dry Cleaners, WI Rapid  
PO# : REI job #1933b  
Garbage (GAR1) 1.07 tn  
Gross: 9840 Tare: 7700 Net Weight: 2140

Scale Notes:

Charge Transaction

HAVE A NICE DAY!

Customer Signature \_\_\_\_\_  
Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling law and the landfill bans. I also agree to pay 1.5% per month Late payment charge after 30 days.



**LINCOLN COUNTY LANDFILL 715-536-9636**

Site: N4750 Landfill Lane, Merrill, WI 54452

Mailing: 801 N Sales St, Ste 201, Merrill, WI 54452

**OPERATING HOURS:**

Monday-Friday

SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm

WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm

1st and 3rd Sat. 8:00 am - Noon

DATE: 3/15/2019  
Time In: 11:22 AM

TICKET #: 259375      Vehicle #:  
Time Out: 11:48 AM

BILL TO: R.E.I.  
HAULER : R.E.I.

JOB : 19 - 13 B - Former Normington Dry Cleaners-WI Rapids

PO# : REI job #1933B

\$23.00 ton exempt (CON31)      2.68 tn

Gross: 17340

Tare: 11980

Net Weight: 5360

Scale Notes:

Charge Transaction

HAVE A NICE DAY!

Customer Signature \_\_\_\_\_

Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling law and the landfill bans. I also agree to pay 1.5% per month Late payment charge after 30 days.

Date: 8-8-07

**SPECIAL DISCHARGE FORM**  
GROUNDWATER CLEANUP PROJECTS

This form is intended to document the discharge of contaminated groundwater or process waters into the Wausau Wastewater Treatment Facility. Sewerage Utility billing for this discharge will be directly to the party listed below.

Source of Water: Monitoring Well purge water  
Up to 500 gallons, no free product, no strong or volatile odors

Party Responsible for Utility Charges:  
Dave Larsen  
REI Engineering Inc.  
4080 N 20th Ave

Wausau WI 54401

Approved By: [Signature]  
Wausau Sewerage Utility

**TO BE COMPLETED BY WASTE HAULER**

Name of Waste Hauler: REI Engineering, Inc.

Disposal date 4/29/19

Approximate quantity of water discharged: 325 gallons

Date of Discharge: 4/29/19

Time of Discharge: \_\_\_\_\_

By submitting this form, the hauler will not be billed for this load. Special Discharge Request has been completed to obtain authorization for this discharge but please notify treatment plant operator if water contains oil, grease, solids, or sediments, has a strong odor or otherwise appears unsuitable for discharge into the treatment plant.

**THIS FORM TO BE SUBMITTED TO SEWERAGE UTILITY BY WASTE HAULER AT TIME OF DISCHARGE**

Norington dry cleaners - #1933C - 150 gallons  
BJ'S Sport Shop - #8159 - 25 gallons  
LUCK Tele - #7059 - 150 gallons

150 gallons @ .42 per gallon = 63.00

Date: 8-8-07

**SPECIAL DISCHARGE FORM**  
GROUNDWATER CLEANUP PROJECTS

This form is intended to document the discharge of contaminated groundwater or process waters into the Wausau Wastewater Treatment Facility. Sewerage Utility billing for this discharge will be directly to the party listed below.

Source of Water: Monitoring Well purge water  
Up to 500 gallons, no free product, no strong or volatile odors

Party Responsible for Utility Charges:

Dave Larsen  
REI Engineering Inc.  
4080 N 20th Ave  
Wausau WI 54401

Approved By: [Signature]

Wausau Sewerage Utility

**TO BE COMPLETED BY WASTE HAULER**

Name of Waste Hauler: \_\_\_\_\_

Approximate quantity of water discharged: \_\_\_\_\_

Date of Discharge: \_\_\_\_\_

Time of Discharge: \_\_\_\_\_

By submitting this form, the hauler will not be billed for this load. Special Discharge Request has been completed to obtain authorization for this discharge but please notify treatment plant operator if water contains oil, grease, solids, or sediments, has a strong odor or otherwise appears unsuitable for discharge into the treatment plant.

**THIS FORM TO BE SUBMITTED TO SEWERAGE UTILITY BY WASTE HAULER AT TIME OF DISCHARGE**

NORMING TON	1933B		15 Gal	\$ 6.30
CLIFFS	957		50 Gal	\$ 21.00
MOORE BARN	5319	2	50 Gal	\$ 21.00
PETRO PANTRY	6553		35 Gal	\$ 14.70
LVD	1A	490	25 Gal	\$ 10.50

## **APPENDIX F**

### **LABORATORY ANALYTICAL REPORTS**



September 17, 2013

Ken Lassa  
REI  
4080 North 20th Avenue  
Wausau, WI 54401

RE: Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 4084549

Dear Ken Lassa:

Enclosed are the analytical results for sample(s) received by the laboratory on September 12, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten

brian.basten@pacelabs.com  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 11888

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

US Dept of Agriculture #: S-76505

Wisconsin Certification #: 405132750

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4084549001	CPZ3	Water	09/10/13 10:30	09/12/13 08:50
4084549002	PZWR2	Water	09/10/13 11:00	09/12/13 08:50
4084549003	PZWR3	Water	09/10/13 11:10	09/12/13 08:50
4084549004	CPZ2	Water	09/10/13 12:15	09/12/13 08:50
4084549005	CPZ5	Water	09/10/13 13:00	09/12/13 08:50
4084549006	CPZ6	Water	09/10/13 13:30	09/12/13 08:50
4084549007	CPZ1	Water	09/10/13 12:00	09/12/13 08:50
4084549008	SWE	Water	09/10/13 14:15	09/12/13 08:50
4084549009	SWW	Water	09/10/13 14:30	09/12/13 08:50

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### SAMPLE ANALYTE COUNT

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4084549001	CPZ3	EPA 8260	LAP	64	PASI-G
4084549002	PZWR2	EPA 8260	LAP	64	PASI-G
4084549003	PZWR3	EPA 8260	LAP	64	PASI-G
4084549004	CPZ2	EPA 8260	LAP	64	PASI-G
4084549005	CPZ5	EPA 8260	LAP	64	PASI-G
4084549006	CPZ6	EPA 8260	LAP	64	PASI-G
4084549007	CPZ1	EPA 8260	LAP	64	PASI-G
4084549008	SWE	EPA 8260	LAP	64	PASI-G
4084549009	SWW	EPA 8260	LAP	64	PASI-G

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: CPZ3**      **Lab ID: 4084549001**      Collected: 09/10/13 10:30      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		09/13/13 22:33	630-20-6	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		09/13/13 22:33	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/13/13 22:33	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		09/13/13 22:33	79-00-5	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		09/13/13 22:33	75-34-3	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		09/13/13 22:33	75-35-4	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		09/13/13 22:33	563-58-6	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		09/13/13 22:33	87-61-6	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		09/13/13 22:33	96-18-4	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		09/13/13 22:33	120-82-1	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		09/13/13 22:33	95-63-6	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		09/13/13 22:33	96-12-8	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		09/13/13 22:33	106-93-4	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		09/13/13 22:33	95-50-1	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		09/13/13 22:33	107-06-2	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/13/13 22:33	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		09/13/13 22:33	108-67-8	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		09/13/13 22:33	541-73-1	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		09/13/13 22:33	142-28-9	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		09/13/13 22:33	106-46-7	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/13/13 22:33	594-20-7	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/13/13 22:33	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/13/13 22:33	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		09/13/13 22:33	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		09/13/13 22:33	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		09/13/13 22:33	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		09/13/13 22:33	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		09/13/13 22:33	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		09/13/13 22:33	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/13/13 22:33	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		09/13/13 22:33	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		09/13/13 22:33	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		09/13/13 22:33	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		09/13/13 22:33	74-87-3	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		09/13/13 22:33	124-48-1	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		09/13/13 22:33	74-95-3	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		09/13/13 22:33	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		09/13/13 22:33	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		09/13/13 22:33	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		09/13/13 22:33	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		09/13/13 22:33	98-82-8	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		09/13/13 22:33	1634-04-4	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		09/13/13 22:33	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		09/13/13 22:33	91-20-3	
Styrene	<0.35	ug/L	1.0	0.35	1		09/13/13 22:33	100-42-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		09/13/13 22:33	127-18-4	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: CPZ3**      **Lab ID: 4084549001**      Collected: 09/10/13 10:30      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Toluene	<0.44	ug/L	1.0	0.44	1		09/13/13 22:33	108-88-3	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		09/13/13 22:33	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		09/13/13 22:33	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		09/13/13 22:33	75-01-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		09/13/13 22:33	156-59-2	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		09/13/13 22:33	10061-01-5	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		09/13/13 22:33	179601-23-1	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		09/13/13 22:33	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		09/13/13 22:33	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		09/13/13 22:33	95-47-6	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		09/13/13 22:33	99-87-6	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		09/13/13 22:33	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		09/13/13 22:33	98-06-6	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		09/13/13 22:33	156-60-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		09/13/13 22:33	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96 %		43-137		1		09/13/13 22:33	460-00-4	
Dibromofluoromethane (S)	100 %		70-130		1		09/13/13 22:33	1868-53-7	
Toluene-d8 (S)	98 %		55-137		1		09/13/13 22:33	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

Sample: PZWR2 Lab ID: 4084549002 Collected: 09/10/13 11:00 Received: 09/12/13 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		09/13/13 22:55	630-20-6	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		09/13/13 22:55	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/13/13 22:55	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		09/13/13 22:55	79-00-5	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		09/13/13 22:55	75-34-3	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		09/13/13 22:55	75-35-4	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		09/13/13 22:55	563-58-6	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		09/13/13 22:55	87-61-6	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		09/13/13 22:55	96-18-4	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		09/13/13 22:55	120-82-1	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		09/13/13 22:55	95-63-6	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		09/13/13 22:55	96-12-8	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		09/13/13 22:55	106-93-4	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		09/13/13 22:55	95-50-1	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		09/13/13 22:55	107-06-2	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/13/13 22:55	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		09/13/13 22:55	108-67-8	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		09/13/13 22:55	541-73-1	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		09/13/13 22:55	142-28-9	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		09/13/13 22:55	106-46-7	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/13/13 22:55	594-20-7	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/13/13 22:55	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/13/13 22:55	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		09/13/13 22:55	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		09/13/13 22:55	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		09/13/13 22:55	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		09/13/13 22:55	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		09/13/13 22:55	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		09/13/13 22:55	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/13/13 22:55	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		09/13/13 22:55	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		09/13/13 22:55	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		09/13/13 22:55	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		09/13/13 22:55	74-87-3	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		09/13/13 22:55	124-48-1	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		09/13/13 22:55	74-95-3	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		09/13/13 22:55	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		09/13/13 22:55	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		09/13/13 22:55	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		09/13/13 22:55	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		09/13/13 22:55	98-82-8	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		09/13/13 22:55	1634-04-4	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		09/13/13 22:55	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		09/13/13 22:55	91-20-3	
Styrene	<0.35	ug/L	1.0	0.35	1		09/13/13 22:55	100-42-5	
Tetrachloroethene	79.3	ug/L	1.0	0.47	1		09/13/13 22:55	127-18-4	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: PZWR2**      **Lab ID: 4084549002**      Collected: 09/10/13 11:00      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Toluene	<0.44	ug/L	1.0	0.44	1		09/13/13 22:55	108-88-3	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		09/13/13 22:55	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		09/13/13 22:55	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		09/13/13 22:55	75-01-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		09/13/13 22:55	156-59-2	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		09/13/13 22:55	10061-01-5	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		09/13/13 22:55	179601-23-1	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		09/13/13 22:55	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		09/13/13 22:55	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		09/13/13 22:55	95-47-6	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		09/13/13 22:55	99-87-6	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		09/13/13 22:55	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		09/13/13 22:55	98-06-6	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		09/13/13 22:55	156-60-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		09/13/13 22:55	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92 %		43-137		1		09/13/13 22:55	460-00-4	
Dibromofluoromethane (S)	98 %		70-130		1		09/13/13 22:55	1868-53-7	
Toluene-d8 (S)	94 %		55-137		1		09/13/13 22:55	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: PZWR3**      **Lab ID: 4084549003**      Collected: 09/10/13 11:10      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		09/13/13 23:17	630-20-6	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		09/13/13 23:17	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/13/13 23:17	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		09/13/13 23:17	79-00-5	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		09/13/13 23:17	75-34-3	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		09/13/13 23:17	75-35-4	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		09/13/13 23:17	563-58-6	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		09/13/13 23:17	87-61-6	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		09/13/13 23:17	96-18-4	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		09/13/13 23:17	120-82-1	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		09/13/13 23:17	95-63-6	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		09/13/13 23:17	96-12-8	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		09/13/13 23:17	106-93-4	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		09/13/13 23:17	95-50-1	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		09/13/13 23:17	107-06-2	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/13/13 23:17	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		09/13/13 23:17	108-67-8	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		09/13/13 23:17	541-73-1	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		09/13/13 23:17	142-28-9	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		09/13/13 23:17	106-46-7	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/13/13 23:17	594-20-7	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/13/13 23:17	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/13/13 23:17	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		09/13/13 23:17	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		09/13/13 23:17	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		09/13/13 23:17	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		09/13/13 23:17	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		09/13/13 23:17	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		09/13/13 23:17	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/13/13 23:17	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		09/13/13 23:17	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		09/13/13 23:17	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		09/13/13 23:17	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		09/13/13 23:17	74-87-3	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		09/13/13 23:17	124-48-1	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		09/13/13 23:17	74-95-3	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		09/13/13 23:17	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		09/13/13 23:17	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		09/13/13 23:17	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		09/13/13 23:17	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		09/13/13 23:17	98-82-8	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		09/13/13 23:17	1634-04-4	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		09/13/13 23:17	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		09/13/13 23:17	91-20-3	
Styrene	<0.35	ug/L	1.0	0.35	1		09/13/13 23:17	100-42-5	
Tetrachloroethene	0.57J	ug/L	1.0	0.47	1		09/13/13 23:17	127-18-4	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: PZWR3**      **Lab ID: 4084549003**      Collected: 09/10/13 11:10      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Toluene	<0.44	ug/L	1.0	0.44	1		09/13/13 23:17	108-88-3	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		09/13/13 23:17	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		09/13/13 23:17	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		09/13/13 23:17	75-01-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		09/13/13 23:17	156-59-2	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		09/13/13 23:17	10061-01-5	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		09/13/13 23:17	179601-23-1	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		09/13/13 23:17	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		09/13/13 23:17	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		09/13/13 23:17	95-47-6	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		09/13/13 23:17	99-87-6	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		09/13/13 23:17	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		09/13/13 23:17	98-06-6	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		09/13/13 23:17	156-60-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		09/13/13 23:17	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95 %		43-137		1		09/13/13 23:17	460-00-4	
Dibromofluoromethane (S)	98 %		70-130		1		09/13/13 23:17	1868-53-7	
Toluene-d8 (S)	97 %		55-137		1		09/13/13 23:17	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: CPZ2**      **Lab ID: 4084549004**      Collected: 09/10/13 12:15      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		09/13/13 23:40	630-20-6	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		09/13/13 23:40	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/13/13 23:40	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		09/13/13 23:40	79-00-5	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		09/13/13 23:40	75-34-3	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		09/13/13 23:40	75-35-4	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		09/13/13 23:40	563-58-6	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		09/13/13 23:40	87-61-6	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		09/13/13 23:40	96-18-4	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		09/13/13 23:40	120-82-1	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		09/13/13 23:40	95-63-6	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		09/13/13 23:40	96-12-8	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		09/13/13 23:40	106-93-4	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		09/13/13 23:40	95-50-1	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		09/13/13 23:40	107-06-2	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/13/13 23:40	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		09/13/13 23:40	108-67-8	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		09/13/13 23:40	541-73-1	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		09/13/13 23:40	142-28-9	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		09/13/13 23:40	106-46-7	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/13/13 23:40	594-20-7	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/13/13 23:40	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/13/13 23:40	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		09/13/13 23:40	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		09/13/13 23:40	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		09/13/13 23:40	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		09/13/13 23:40	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		09/13/13 23:40	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		09/13/13 23:40	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/13/13 23:40	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		09/13/13 23:40	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		09/13/13 23:40	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		09/13/13 23:40	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		09/13/13 23:40	74-87-3	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		09/13/13 23:40	124-48-1	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		09/13/13 23:40	74-95-3	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		09/13/13 23:40	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		09/13/13 23:40	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		09/13/13 23:40	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		09/13/13 23:40	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		09/13/13 23:40	98-82-8	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		09/13/13 23:40	1634-04-4	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		09/13/13 23:40	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		09/13/13 23:40	91-20-3	
Styrene	<0.35	ug/L	1.0	0.35	1		09/13/13 23:40	100-42-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		09/13/13 23:40	127-18-4	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: CPZ2**      **Lab ID: 4084549004**      Collected: 09/10/13 12:15      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Toluene	<0.44	ug/L	1.0	0.44	1		09/13/13 23:40	108-88-3	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		09/13/13 23:40	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		09/13/13 23:40	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		09/13/13 23:40	75-01-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		09/13/13 23:40	156-59-2	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		09/13/13 23:40	10061-01-5	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		09/13/13 23:40	179601-23-1	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		09/13/13 23:40	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		09/13/13 23:40	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		09/13/13 23:40	95-47-6	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		09/13/13 23:40	99-87-6	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		09/13/13 23:40	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		09/13/13 23:40	98-06-6	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		09/13/13 23:40	156-60-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		09/13/13 23:40	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95 %		43-137		1		09/13/13 23:40	460-00-4	
Dibromofluoromethane (S)	100 %		70-130		1		09/13/13 23:40	1868-53-7	
Toluene-d8 (S)	99 %		55-137		1		09/13/13 23:40	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Sample Project No.: 4084549

Sample: CPZ5 Lab ID: 4084549005 Collected: 09/10/13 13:00 Received: 09/12/13 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		09/14/13 00:02	630-20-6	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		09/14/13 00:02	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/14/13 00:02	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		09/14/13 00:02	79-00-5	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		09/14/13 00:02	75-34-3	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		09/14/13 00:02	75-35-4	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		09/14/13 00:02	563-58-6	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		09/14/13 00:02	87-61-6	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		09/14/13 00:02	96-18-4	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		09/14/13 00:02	120-82-1	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		09/14/13 00:02	95-63-6	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		09/14/13 00:02	96-12-8	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		09/14/13 00:02	106-93-4	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		09/14/13 00:02	95-50-1	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		09/14/13 00:02	107-06-2	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/14/13 00:02	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		09/14/13 00:02	108-67-8	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		09/14/13 00:02	541-73-1	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		09/14/13 00:02	142-28-9	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		09/14/13 00:02	106-46-7	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/14/13 00:02	594-20-7	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/14/13 00:02	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/14/13 00:02	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:02	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		09/14/13 00:02	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		09/14/13 00:02	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		09/14/13 00:02	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		09/14/13 00:02	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		09/14/13 00:02	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/14/13 00:02	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		09/14/13 00:02	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		09/14/13 00:02	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		09/14/13 00:02	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		09/14/13 00:02	74-87-3	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		09/14/13 00:02	124-48-1	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		09/14/13 00:02	74-95-3	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		09/14/13 00:02	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		09/14/13 00:02	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:02	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		09/14/13 00:02	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		09/14/13 00:02	98-82-8	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		09/14/13 00:02	1634-04-4	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		09/14/13 00:02	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		09/14/13 00:02	91-20-3	
Styrene	<0.35	ug/L	1.0	0.35	1		09/14/13 00:02	100-42-5	
Tetrachloroethene	95.8	ug/L	1.0	0.47	1		09/14/13 00:02	127-18-4	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: CPZ5**      **Lab ID: 4084549005**      Collected: 09/10/13 13:00      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Toluene	<0.44	ug/L	1.0	0.44	1		09/14/13 00:02	108-88-3	
Trichloroethene	57.9	ug/L	1.0	0.36	1		09/14/13 00:02	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		09/14/13 00:02	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		09/14/13 00:02	75-01-4	
cis-1,2-Dichloroethene	0.78J	ug/L	1.0	0.42	1		09/14/13 00:02	156-59-2	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		09/14/13 00:02	10061-01-5	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		09/14/13 00:02	179601-23-1	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		09/14/13 00:02	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:02	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:02	95-47-6	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		09/14/13 00:02	99-87-6	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		09/14/13 00:02	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		09/14/13 00:02	98-06-6	
trans-1,2-Dichloroethene	0.80J	ug/L	1.0	0.37	1		09/14/13 00:02	156-60-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		09/14/13 00:02	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	43-137		1		09/14/13 00:02	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		09/14/13 00:02	1868-53-7	
Toluene-d8 (S)	95	%	55-137		1		09/14/13 00:02	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Sample Project No.: 4084549

Sample: CPZ6 Lab ID: 4084549006 Collected: 09/10/13 13:30 Received: 09/12/13 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		09/14/13 00:25	630-20-6	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		09/14/13 00:25	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/14/13 00:25	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		09/14/13 00:25	79-00-5	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		09/14/13 00:25	75-34-3	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		09/14/13 00:25	75-35-4	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		09/14/13 00:25	563-58-6	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		09/14/13 00:25	87-61-6	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		09/14/13 00:25	96-18-4	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		09/14/13 00:25	120-82-1	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		09/14/13 00:25	95-63-6	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		09/14/13 00:25	96-12-8	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		09/14/13 00:25	106-93-4	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		09/14/13 00:25	95-50-1	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		09/14/13 00:25	107-06-2	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/14/13 00:25	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		09/14/13 00:25	108-67-8	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		09/14/13 00:25	541-73-1	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		09/14/13 00:25	142-28-9	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		09/14/13 00:25	106-46-7	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/14/13 00:25	594-20-7	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/14/13 00:25	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/14/13 00:25	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:25	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		09/14/13 00:25	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		09/14/13 00:25	74-97-5	
Bromodichloromethane	1.3	ug/L	1.0	0.45	1		09/14/13 00:25	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		09/14/13 00:25	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		09/14/13 00:25	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/14/13 00:25	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		09/14/13 00:25	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		09/14/13 00:25	75-00-3	
Chloroform	19.6	ug/L	5.0	0.69	1		09/14/13 00:25	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		09/14/13 00:25	74-87-3	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		09/14/13 00:25	124-48-1	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		09/14/13 00:25	74-95-3	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		09/14/13 00:25	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		09/14/13 00:25	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:25	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		09/14/13 00:25	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		09/14/13 00:25	98-82-8	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		09/14/13 00:25	1634-04-4	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		09/14/13 00:25	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		09/14/13 00:25	91-20-3	
Styrene	<0.35	ug/L	1.0	0.35	1		09/14/13 00:25	100-42-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		09/14/13 00:25	127-18-4	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: CPZ6**      **Lab ID: 4084549006**      Collected: 09/10/13 13:30      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Toluene	<0.44	ug/L	1.0	0.44	1		09/14/13 00:25	108-88-3	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		09/14/13 00:25	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		09/14/13 00:25	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		09/14/13 00:25	75-01-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		09/14/13 00:25	156-59-2	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		09/14/13 00:25	10061-01-5	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		09/14/13 00:25	179601-23-1	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		09/14/13 00:25	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:25	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:25	95-47-6	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		09/14/13 00:25	99-87-6	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		09/14/13 00:25	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		09/14/13 00:25	98-06-6	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		09/14/13 00:25	156-60-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		09/14/13 00:25	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93 %		43-137		1		09/14/13 00:25	460-00-4	
Dibromofluoromethane (S)	100 %		70-130		1		09/14/13 00:25	1868-53-7	
Toluene-d8 (S)	95 %		55-137		1		09/14/13 00:25	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Sample Project No.: 4084549

Sample: CPZ1 Lab ID: 4084549007 Collected: 09/10/13 12:00 Received: 09/12/13 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		09/14/13 00:47	630-20-6	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		09/14/13 00:47	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/14/13 00:47	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		09/14/13 00:47	79-00-5	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		09/14/13 00:47	75-34-3	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		09/14/13 00:47	75-35-4	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		09/14/13 00:47	563-58-6	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		09/14/13 00:47	87-61-6	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		09/14/13 00:47	96-18-4	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		09/14/13 00:47	120-82-1	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		09/14/13 00:47	95-63-6	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		09/14/13 00:47	96-12-8	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		09/14/13 00:47	106-93-4	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		09/14/13 00:47	95-50-1	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		09/14/13 00:47	107-06-2	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/14/13 00:47	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		09/14/13 00:47	108-67-8	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		09/14/13 00:47	541-73-1	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		09/14/13 00:47	142-28-9	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		09/14/13 00:47	106-46-7	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/14/13 00:47	594-20-7	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/14/13 00:47	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/14/13 00:47	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:47	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		09/14/13 00:47	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		09/14/13 00:47	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		09/14/13 00:47	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		09/14/13 00:47	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		09/14/13 00:47	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/14/13 00:47	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		09/14/13 00:47	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		09/14/13 00:47	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		09/14/13 00:47	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		09/14/13 00:47	74-87-3	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		09/14/13 00:47	124-48-1	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		09/14/13 00:47	74-95-3	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		09/14/13 00:47	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		09/14/13 00:47	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:47	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		09/14/13 00:47	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		09/14/13 00:47	98-82-8	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		09/14/13 00:47	1634-04-4	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		09/14/13 00:47	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		09/14/13 00:47	91-20-3	
Styrene	<0.35	ug/L	1.0	0.35	1		09/14/13 00:47	100-42-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		09/14/13 00:47	127-18-4	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 4084549

**Sample: CPZ1**      **Lab ID: 4084549007**      Collected: 09/10/13 12:00      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Toluene	<0.44	ug/L	1.0	0.44	1		09/14/13 00:47	108-88-3	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		09/14/13 00:47	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		09/14/13 00:47	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		09/14/13 00:47	75-01-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		09/14/13 00:47	156-59-2	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		09/14/13 00:47	10061-01-5	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		09/14/13 00:47	179601-23-1	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		09/14/13 00:47	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:47	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		09/14/13 00:47	95-47-6	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		09/14/13 00:47	99-87-6	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		09/14/13 00:47	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		09/14/13 00:47	98-06-6	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		09/14/13 00:47	156-60-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		09/14/13 00:47	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96 %		43-137		1		09/14/13 00:47	460-00-4	
Dibromofluoromethane (S)	100 %		70-130		1		09/14/13 00:47	1868-53-7	
Toluene-d8 (S)	96 %		55-137		1		09/14/13 00:47	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS  
Project No.: 4084549

**Sample: SWE**      **Lab ID: 4084549008**      Collected: 09/10/13 14:15      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		09/14/13 02:39	630-20-6	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		09/14/13 02:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/14/13 02:39	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		09/14/13 02:39	79-00-5	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		09/14/13 02:39	75-34-3	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		09/14/13 02:39	75-35-4	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		09/14/13 02:39	563-58-6	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		09/14/13 02:39	87-61-6	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		09/14/13 02:39	96-18-4	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		09/14/13 02:39	120-82-1	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		09/14/13 02:39	95-63-6	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		09/14/13 02:39	96-12-8	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		09/14/13 02:39	106-93-4	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		09/14/13 02:39	95-50-1	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		09/14/13 02:39	107-06-2	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/14/13 02:39	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		09/14/13 02:39	108-67-8	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		09/14/13 02:39	541-73-1	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		09/14/13 02:39	142-28-9	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		09/14/13 02:39	106-46-7	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/14/13 02:39	594-20-7	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/14/13 02:39	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/14/13 02:39	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		09/14/13 02:39	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		09/14/13 02:39	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		09/14/13 02:39	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		09/14/13 02:39	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		09/14/13 02:39	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		09/14/13 02:39	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/14/13 02:39	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		09/14/13 02:39	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		09/14/13 02:39	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		09/14/13 02:39	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		09/14/13 02:39	74-87-3	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		09/14/13 02:39	124-48-1	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		09/14/13 02:39	74-95-3	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		09/14/13 02:39	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		09/14/13 02:39	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		09/14/13 02:39	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		09/14/13 02:39	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		09/14/13 02:39	98-82-8	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		09/14/13 02:39	1634-04-4	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		09/14/13 02:39	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		09/14/13 02:39	91-20-3	
Styrene	<0.35	ug/L	1.0	0.35	1		09/14/13 02:39	100-42-5	
Tetrachloroethene	57.7	ug/L	1.0	0.47	1		09/14/13 02:39	127-18-4	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 4084549

**Sample: SWE**      **Lab ID: 4084549008**      Collected: 09/10/13 14:15      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Toluene	<0.44	ug/L	1.0	0.44	1		09/14/13 02:39	108-88-3	
Trichloroethene	76.3	ug/L	1.0	0.36	1		09/14/13 02:39	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		09/14/13 02:39	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		09/14/13 02:39	75-01-4	
cis-1,2-Dichloroethene	3.1	ug/L	1.0	0.42	1		09/14/13 02:39	156-59-2	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		09/14/13 02:39	10061-01-5	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		09/14/13 02:39	179601-23-1	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		09/14/13 02:39	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		09/14/13 02:39	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		09/14/13 02:39	95-47-6	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		09/14/13 02:39	99-87-6	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		09/14/13 02:39	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		09/14/13 02:39	98-06-6	
trans-1,2-Dichloroethene	4.1	ug/L	1.0	0.37	1		09/14/13 02:39	156-60-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		09/14/13 02:39	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95 %		43-137		1		09/14/13 02:39	460-00-4	
Dibromofluoromethane (S)	99 %		70-130		1		09/14/13 02:39	1868-53-7	
Toluene-d8 (S)	97 %		55-137		1		09/14/13 02:39	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: SWW**      **Lab ID: 4084549009**      Collected: 09/10/13 14:30      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		09/14/13 01:10	630-20-6	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		09/14/13 01:10	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		09/14/13 01:10	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		09/14/13 01:10	79-00-5	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		09/14/13 01:10	75-34-3	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		09/14/13 01:10	75-35-4	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		09/14/13 01:10	563-58-6	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		09/14/13 01:10	87-61-6	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		09/14/13 01:10	96-18-4	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		09/14/13 01:10	120-82-1	
1,2,4-Trimethylbenzene	<0.57	ug/L	5.0	0.57	1		09/14/13 01:10	95-63-6	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		09/14/13 01:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		09/14/13 01:10	106-93-4	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		09/14/13 01:10	95-50-1	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		09/14/13 01:10	107-06-2	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/14/13 01:10	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	1		09/14/13 01:10	108-67-8	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		09/14/13 01:10	541-73-1	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		09/14/13 01:10	142-28-9	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		09/14/13 01:10	106-46-7	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		09/14/13 01:10	594-20-7	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/14/13 01:10	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		09/14/13 01:10	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		09/14/13 01:10	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		09/14/13 01:10	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		09/14/13 01:10	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		09/14/13 01:10	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		09/14/13 01:10	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		09/14/13 01:10	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		09/14/13 01:10	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		09/14/13 01:10	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		09/14/13 01:10	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		09/14/13 01:10	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		09/14/13 01:10	74-87-3	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		09/14/13 01:10	124-48-1	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		09/14/13 01:10	74-95-3	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		09/14/13 01:10	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		09/14/13 01:10	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		09/14/13 01:10	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		09/14/13 01:10	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		09/14/13 01:10	98-82-8	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		09/14/13 01:10	1634-04-4	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		09/14/13 01:10	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		09/14/13 01:10	91-20-3	
Styrene	<0.35	ug/L	1.0	0.35	1		09/14/13 01:10	100-42-5	
Tetrachloroethene	5.4	ug/L	1.0	0.47	1		09/14/13 01:10	127-18-4	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

**Sample: SWW**      **Lab ID: 4084549009**      Collected: 09/10/13 14:30      Received: 09/12/13 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Toluene	<0.44	ug/L	1.0	0.44	1		09/14/13 01:10	108-88-3	
Trichloroethene	47.9	ug/L	1.0	0.36	1		09/14/13 01:10	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		09/14/13 01:10	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		09/14/13 01:10	75-01-4	
cis-1,2-Dichloroethene	7.2	ug/L	1.0	0.42	1		09/14/13 01:10	156-59-2	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		09/14/13 01:10	10061-01-5	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		09/14/13 01:10	179601-23-1	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		09/14/13 01:10	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		09/14/13 01:10	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		09/14/13 01:10	95-47-6	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		09/14/13 01:10	99-87-6	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		09/14/13 01:10	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		09/14/13 01:10	98-06-6	
trans-1,2-Dichloroethene	9.6	ug/L	1.0	0.37	1		09/14/13 01:10	156-60-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		09/14/13 01:10	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	43-137		1		09/14/13 01:10	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		09/14/13 01:10	1868-53-7	
Toluene-d8 (S)	97	%	55-137		1		09/14/13 01:10	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 4084549

QC Batch: MSV/21224 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 4084549001, 4084549002, 4084549003, 4084549004, 4084549005, 4084549006, 4084549007, 4084549008, 4084549009

METHOD BLANK: 854424 Matrix: Water  
Associated Lab Samples: 4084549001, 4084549002, 4084549003, 4084549004, 4084549005, 4084549006, 4084549007, 4084549008, 4084549009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	09/13/13 17:19	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	09/13/13 17:19	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	09/13/13 17:19	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	09/13/13 17:19	
1,1-Dichloroethane	ug/L	<0.28	1.0	09/13/13 17:19	
1,1-Dichloroethene	ug/L	<0.43	1.0	09/13/13 17:19	
1,1-Dichloropropene	ug/L	<0.51	1.0	09/13/13 17:19	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	09/13/13 17:19	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	09/13/13 17:19	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	09/13/13 17:19	
1,2,4-Trimethylbenzene	ug/L	<0.57	5.0	09/13/13 17:19	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	09/13/13 17:19	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	09/13/13 17:19	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	09/13/13 17:19	
1,2-Dichloroethane	ug/L	<0.48	1.0	09/13/13 17:19	
1,2-Dichloropropane	ug/L	<0.50	1.0	09/13/13 17:19	
1,3,5-Trimethylbenzene	ug/L	<2.5	5.0	09/13/13 17:19	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	09/13/13 17:19	
1,3-Dichloropropane	ug/L	<0.46	1.0	09/13/13 17:19	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	09/13/13 17:19	
2,2-Dichloropropane	ug/L	<0.50	1.0	09/13/13 17:19	
2-Chlorotoluene	ug/L	<0.48	1.0	09/13/13 17:19	
4-Chlorotoluene	ug/L	<0.48	1.0	09/13/13 17:19	
Benzene	ug/L	<0.50	1.0	09/13/13 17:19	
Bromobenzene	ug/L	<0.48	1.0	09/13/13 17:19	
Bromochloromethane	ug/L	<0.49	1.0	09/13/13 17:19	
Bromodichloromethane	ug/L	<0.45	1.0	09/13/13 17:19	
Bromoform	ug/L	<0.33	1.0	09/13/13 17:19	
Bromomethane	ug/L	<0.43	5.0	09/13/13 17:19	
Carbon tetrachloride	ug/L	<0.37	1.0	09/13/13 17:19	
Chlorobenzene	ug/L	<0.36	1.0	09/13/13 17:19	
Chloroethane	ug/L	<0.44	1.0	09/13/13 17:19	
Chloroform	ug/L	<0.69	5.0	09/13/13 17:19	
Chloromethane	ug/L	<0.39	1.0	09/13/13 17:19	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	09/13/13 17:19	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	09/13/13 17:19	
Dibromochloromethane	ug/L	<1.9	5.0	09/13/13 17:19	
Dibromomethane	ug/L	<0.48	1.0	09/13/13 17:19	
Dichlorodifluoromethane	ug/L	<0.40	1.0	09/13/13 17:19	
Diisopropyl ether	ug/L	<0.50	1.0	09/13/13 17:19	
Ethylbenzene	ug/L	<0.50	1.0	09/13/13 17:19	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON DRY CLEANERS

Project No.: 4084549

METHOD BLANK: 854424

Matrix: Water

Associated Lab Samples: 4084549001, 4084549002, 4084549003, 4084549004, 4084549005, 4084549006, 4084549007, 4084549008, 4084549009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	09/13/13 17:19	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	09/13/13 17:19	
m&p-Xylene	ug/L	<0.82	2.0	09/13/13 17:19	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	09/13/13 17:19	
Methylene Chloride	ug/L	<0.36	1.0	09/13/13 17:19	
n-Butylbenzene	ug/L	<0.40	1.0	09/13/13 17:19	
n-Propylbenzene	ug/L	<0.50	1.0	09/13/13 17:19	
Naphthalene	ug/L	<2.5	5.0	09/13/13 17:19	
o-Xylene	ug/L	<0.50	1.0	09/13/13 17:19	
p-Isopropyltoluene	ug/L	<0.40	1.0	09/13/13 17:19	
sec-Butylbenzene	ug/L	<0.60	5.0	09/13/13 17:19	
Styrene	ug/L	<0.35	1.0	09/13/13 17:19	
tert-Butylbenzene	ug/L	<0.42	1.0	09/13/13 17:19	
Tetrachloroethene	ug/L	<0.47	1.0	09/13/13 17:19	
Toluene	ug/L	<0.44	1.0	09/13/13 17:19	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	09/13/13 17:19	
trans-1,3-Dichloropropene	ug/L	<0.30	1.0	09/13/13 17:19	
Trichloroethene	ug/L	<0.36	1.0	09/13/13 17:19	
Trichlorofluoromethane	ug/L	<0.48	1.0	09/13/13 17:19	
Vinyl chloride	ug/L	<0.18	1.0	09/13/13 17:19	
4-Bromofluorobenzene (S)	%	94	43-137	09/13/13 17:19	
Dibromofluoromethane (S)	%	99	70-130	09/13/13 17:19	
Toluene-d8 (S)	%	95	55-137	09/13/13 17:19	

LABORATORY CONTROL SAMPLE & LCSD: 854425

854426

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.4	53.3	105	107	70-136	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	49.5	49.7	99	99	70-130	0	20	
1,1,2-Trichloroethane	ug/L	50	52.3	52.3	105	105	70-130	0	20	
1,1-Dichloroethane	ug/L	50	51.1	51.9	102	104	70-146	2	20	
1,1-Dichloroethene	ug/L	50	56.1	55.9	112	112	70-130	0	20	
1,2,4-Trichlorobenzene	ug/L	50	49.8	50.9	100	102	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	48.2	48.9	96	98	46-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	50	52.8	52.1	106	104	70-130	1	20	
1,2-Dichlorobenzene	ug/L	50	53.4	54.2	107	108	70-130	1	20	
1,2-Dichloroethane	ug/L	50	49.3	49.4	99	99	70-144	0	20	
1,2-Dichloropropane	ug/L	50	53.3	53.0	107	106	70-136	1	20	
1,3-Dichlorobenzene	ug/L	50	51.9	53.8	104	108	70-130	4	20	
1,4-Dichlorobenzene	ug/L	50	52.6	54.0	105	108	70-130	2	20	
Benzene	ug/L	50	52.3	53.4	105	107	70-137	2	20	
Bromodichloromethane	ug/L	50	52.5	52.6	105	105	70-133	0	20	
Bromoform	ug/L	50	55.4	55.7	111	111	59-130	1	20	
Bromomethane	ug/L	50	26.7	30.3	53	61	41-148	13	20	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

LABORATORY CONTROL SAMPLE & LCSD:		854425	854426							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	53.1	53.3	106	107	70-154	0	20	
Chlorobenzene	ug/L	50	53.3	53.5	107	107	70-130	0	20	
Chloroethane	ug/L	50	52.6	53.5	105	107	70-139	2	20	
Chloroform	ug/L	50	52.2	52.8	104	106	70-130	1	20	
Chloromethane	ug/L	50	49.2	49.6	98	99	45-154	1	20	
cis-1,2-Dichloroethene	ug/L	50	52.8	54.1	106	108	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	50	53.7	54.1	107	108	70-136	1	20	
Dibromochloromethane	ug/L	50	54.1	55.0	108	110	70-130	2	20	
Dichlorodifluoromethane	ug/L	50	55.7	55.8	111	112	20-157	0	20	
Ethylbenzene	ug/L	50	54.4	54.2	109	108	70-130	0	20	
Isopropylbenzene (Cumene)	ug/L	50	53.5	53.2	107	106	70-130	1	20	
m&p-Xylene	ug/L	100	108	108	108	108	70-130	0	20	
Methyl-tert-butyl ether	ug/L	50	48.9	49.2	98	98	59-141	1	20	
Methylene Chloride	ug/L	50	52.0	52.5	104	105	70-130	1	20	
o-Xylene	ug/L	50	53.6	53.5	107	107	70-130	0	20	
Styrene	ug/L	50	51.5	51.6	103	103	70-130	0	20	
Tetrachloroethene	ug/L	50	54.3	56.4	109	113	70-130	4	20	
Toluene	ug/L	50	53.9	52.2	108	104	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	50	52.9	53.6	106	107	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	51.2	50.7	102	101	55-135	1	20	
Trichloroethene	ug/L	50	56.6	55.9	113	112	70-130	1	20	
Trichlorofluoromethane	ug/L	50	57.2	57.9	114	116	50-150	1	20	
Vinyl chloride	ug/L	50	60.7	61.7	121	123	61-143	2	20	
4-Bromofluorobenzene (S)	%				100	99	43-137			
Dibromofluoromethane (S)	%				97	97	70-130			
Toluene-d8 (S)	%				97	96	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		854811	854812										
Parameter	Units	4084546005		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	<0.44	50	50	54.5	54.2	109	108	70-136	1	20
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	51.0	49.2	102	98	70-130	4	20		
1,1,2-Trichloroethane	ug/L	<0.39	50	50	52.8	51.6	106	103	70-130	2	20		
1,1-Dichloroethane	ug/L	<0.28	50	50	52.9	52.9	106	106	70-146	0	20		
1,1-Dichloroethene	ug/L	<0.43	50	50	57.1	57.7	114	115	70-130	1	20		
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	52.0	51.7	103	103	70-130	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	49.4	47.5	99	95	46-150	4	20		
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	55.6	51.8	111	104	70-130	7	20		
1,2-Dichlorobenzene	ug/L	<0.44	50	50	53.7	53.6	107	107	70-130	0	20		
1,2-Dichloroethane	ug/L	<0.48	50	50	52.8	50.3	106	101	70-146	5	20		
1,2-Dichloropropane	ug/L	<0.50	50	50	54.4	54.1	109	108	70-136	0	20		
1,3-Dichlorobenzene	ug/L	<0.45	50	50	53.3	53.8	107	108	70-130	1	20		
1,4-Dichlorobenzene	ug/L	<0.43	50	50	52.7	53.1	105	106	70-130	1	20		
Benzene	ug/L	<0.50	50	50	53.8	53.7	108	107	70-137	0	20		
Bromodichloromethane	ug/L	<0.45	50	50	54.0	54.8	108	110	70-133	1	20		
Bromoform	ug/L	<0.33	50	50	58.9	54.9	118	110	57-130	7	20		

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 4084549

Parameter	4084546005		MS		MSD		MS		MSD		Max	
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Bromomethane	ug/L	<0.43	50	50	32.8	37.3	66	75	41-148	13	20	
Carbon tetrachloride	ug/L	<0.37	50	50	55.5	54.1	111	108	70-154	3	20	
Chlorobenzene	ug/L	<0.36	50	50	54.4	54.1	109	108	70-130	0	20	
Chloroethane	ug/L	<0.44	50	50	52.0	57.6	104	115	70-140	10	20	
Chloroform	ug/L	<0.69	50	50	54.1	54.0	108	108	70-130	0	20	
Chloromethane	ug/L	<0.39	50	50	50.8	50.4	101	100	45-154	1	20	
cis-1,2-Dichloroethene	ug/L	<0.42	50	50	55.6	54.1	111	108	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	54.0	54.9	108	110	70-136	2	20	
Dibromochloromethane	ug/L	<1.9	50	50	55.9	55.1	112	110	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.40	50	50	56.9	56.5	114	113	10-157	1	20	
Ethylbenzene	ug/L	<0.50	50	50	55.4	54.5	111	109	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	54.5	54.4	109	109	70-130	0	20	
m&p-Xylene	ug/L	<0.82	100	100	110	109	110	109	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<0.49	50	50	50.5	50.0	101	100	59-141	1	20	
Methylene Chloride	ug/L	<0.36	50	50	53.2	53.8	106	108	70-130	1	20	
o-Xylene	ug/L	<0.50	50	50	54.8	54.5	110	109	70-130	1	20	
Styrene	ug/L	<0.35	50	50	52.1	54.1	104	108	35-164	4	20	
Tetrachloroethene	ug/L	<0.47	50	50	56.6	55.6	113	111	70-130	2	20	
Toluene	ug/L	<0.44	50	50	55.1	53.8	110	108	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	54.9	53.7	110	107	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.30	50	50	53.4	50.9	107	102	55-137	5	20	
Trichloroethene	ug/L	<0.36	50	50	55.8	58.0	112	116	70-130	4	20	
Trichlorofluoromethane	ug/L	<0.48	50	50	59.9	58.7	120	117	50-150	2	20	
Vinyl chloride	ug/L	<0.18	50	50	62.2	62.0	124	124	59-144	0	20	
4-Bromofluorobenzene (S)	%						99	98	43-137			
Dibromofluoromethane (S)	%						98	98	70-130			
Toluene-d8 (S)	%						99	96	55-137			

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## QUALIFIERS

Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 4084549

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1933B NORMINGTON DRY CLEANERS

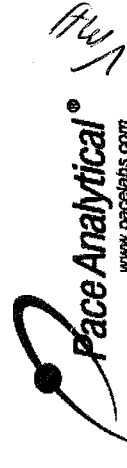
Pace Project No.: 4084549

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4084549001	CPZ3	EPA 8260	MSV/21224		
4084549002	PZWR2	EPA 8260	MSV/21224		
4084549003	PZWR3	EPA 8260	MSV/21224		
4084549004	CPZ2	EPA 8260	MSV/21224		
4084549005	CPZ5	EPA 8260	MSV/21224		
4084549006	CPZ6	EPA 8260	MSV/21224		
4084549007	CPZ1	EPA 8260	MSV/21224		
4084549008	SWE	EPA 8260	MSV/21224		
4084549009	SWW	EPA 8260	MSV/21224		

### REPORT OF LABORATORY ANALYSIS

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Page 1 of 1

**Company Name:** REI Engineering Inc  
**Branch/Location:** Wausau  
**Project Contact:** Ken Lassa  
**Phone:** 715-675-9784  
**Project Number:** 1933B  
**Project Name:** Wausau Dry Cleaners  
**Project State:** WI  
**Sampled By (Print):** Jared Szeusz  
**Sampled By (Sign):** *Jared Szeusz*  
**PO #:** *Grand Geneva*  
**Regulatory Program:**

**Data Package Options (billable)**  
 EPA Level III  
 EPA Level IV  
**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample  
**Matrix Codes**  
 W = Water  
 DW = Drinking Water  
 GW = Ground Water  
 SW = Surface Water  
 WW = Waste Water  
 WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	CPZ3	9/10/13	10:30	GW
002	PZWR2		11:00	
003	PZWR3		11:10	
004	CPZ2		12:15	
005	CPZ5		1:00	
006	CPZ6		1:30	
007	CPZ1		12:00	
008	SWE		2:15	
009	SWW		2:30	

### CHAIN OF CUSTODY

**Preservation Codes**  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Y/N	Pick Letter	Filtered? (YES/NO)	Preservation (CODE)	Analyses Requested
N				
B				
				VOC
				T

**Quote #:** 4084549  
**Mail To Contact:** Ken Lassa  
**Mail To Company:** REI Engineering Inc  
 4080 N 20th Ave  
 Wausau WI 54401  
**Invoice To Contact:** SAA  
**Invoice To Company:**  
**Invoice To Address:**  
**Invoice To Phone:**  
**CLIENT COMMENTS:**  
 3-40mls  
**LAB COMMENTS (Lab Use Only):**  
 Profile #

**Rush Turnaround Time Requested - Prelims**  
 (Rush TAT subject to approval/surcharge)  
 Date Needed: 9/12/13 0800  
 Transmit Prelim Rush Results by (complete what you want):  
 Email #1: WALTERO  
 Email #2:  
 Telephone:  
 Fax:  
 Samples on HOLD are subject to special pricing and release of liability

**Relinquished By:** *Waltero* Date/Time: 9/11/13 - 9:50  
**Relinquished By:** *Margaret Pallez* Date/Time: 9/12/13 0800  
**Relinquished By:** Date/Time:  
**Relinquished By:** Date/Time:  
**Relinquished By:** Date/Time:

**Received By:** Date/Time:  
**Received By:** Date/Time:  
**Received By:** Date/Time:  
**Received By:** Date/Time:  
**Received By:** Date/Time:

**PAGE Project No.:** 4084549  
**Receipt Temp =** 4 °C  
**Sample Receipt pH:** OK / Adjusted  
**Cooler Custody Seal:** Present / Not Present  
**Intact / Not Intact:**



**Sample Condition Upon Receipt**

Client Name: REI Project # 4084549

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  
Tracking #: 407053-1 Other WALTCO

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 47 Type of Ice: Wet Blue Dry None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 4 / Corr: 4 Biological Tissue is Frozen:  yes

Temp Blank Present:  yes  no *all (cemented metal) mH 9/12/13*  no

Person examining content:  
Date: 9/12/13  
Initials: MH

Temp should be above freezing to 6°C for all sample except Biota.  
Frozen Biota Samples should be received ≤ 0°C.

**Comments:**

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAc
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: <u>VOA</u> coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

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

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: \_\_\_\_\_

Date: 9-13-13  
Page 30 of 30

October 16, 2014

Ken Lassa  
REI Engineering  
4080 N. 20th Ave  
Wausau, WI 54401

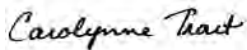
RE: Project: 1933 Normington Dry Cleaner  
Pace Project No.: 10285033

Dear Ken Lassa:

Enclosed are the analytical results for sample(s) received by the laboratory on October 14, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Carolynne Trout  
carolynne.trout@pacelabs.com  
Project Manager

Enclosures

cc: Andy Delforge, REI Engineering



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

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### Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Alabama Certification #40770

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida/NELAP Certification #: E87605

Guam Certification #:14-008r

Georgia Certification #: 959

Georgia EPD #: Pace

Idaho Certification #: MN00064

Hawaii Certification #MN00064

Illinois Certification #: 200011

Indiana Certification#C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky Dept of Envi. Protection - DW #90062

Kentucky Dept of Envi. Protection - WW #:90062

Louisiana DEQ Certification #: 3086

Louisiana DHH #: LA140001

Maine Certification #: 2013011

Maryland Certification #: 322

Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT0092

Nevada Certification #: MN\_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Carolina State Public Health #: 27700

North Dakota Certification #: R-036

Ohio EPA #: 4150

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Saipan (CNMI) #:MP0003

South Carolina #:74003001

Texas Certification #: T104704192

Tennessee Certification #: 02818

Utah Certification #: MN000642013-4

Virginia DGS Certification #: 251

Virginia/VELAP Certification #: Pace

Washington Certification #: C486

West Virginia Certification #: 382

West Virginia DHHR #:9952C

Wisconsin Certification #: 999407970

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10285033001	RVP-1	Air	10/06/14 01:03	10/14/14 11:10
10285033002	AVP-1	Air	10/06/14 01:03	10/14/14 11:10

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

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Lab ID	Sample ID	Method	Analysts	Analytes Reported
10285033001	RVP-1	TO-15	MJL	57
10285033002	AVP-1	TO-15	MJL	57

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

Sample: RVP-1		Lab ID: 10285033001	Collected: 10/06/14 01:03	Received: 10/14/14 11:10	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15						
Acetone	388	ug/m3	44.2	18.3		10/15/14 13:01	67-64-1	
Benzene	9.1	ug/m3	0.59	1.83		10/14/14 18:37	71-43-2	
Bromodichloromethane	ND	ug/m3	2.5	1.83		10/14/14 18:37	75-27-4	
Bromoform	ND	ug/m3	3.8	1.83		10/14/14 18:37	75-25-2	
Bromomethane	ND	ug/m3	1.4	1.83		10/14/14 18:37	74-83-9	
1,3-Butadiene	ND	ug/m3	0.82	1.83		10/14/14 18:37	106-99-0	
2-Butanone (MEK)	5.0	ug/m3	1.1	1.83		10/14/14 18:37	78-93-3	
Carbon disulfide	ND	ug/m3	1.2	1.83		10/14/14 18:37	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.2	1.83		10/14/14 18:37	56-23-5	
Chlorobenzene	ND	ug/m3	1.7	1.83		10/14/14 18:37	108-90-7	
Chloroethane	ND	ug/m3	0.99	1.83		10/14/14 18:37	75-00-3	
Chloroform	ND	ug/m3	0.91	1.83		10/14/14 18:37	67-66-3	
Chloromethane	ND	ug/m3	0.77	1.83		10/14/14 18:37	74-87-3	
Cyclohexane	12.0	ug/m3	1.3	1.83		10/14/14 18:37	110-82-7	
Dibromochloromethane	ND	ug/m3	3.2	1.83		10/14/14 18:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.9	1.83		10/14/14 18:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.2	1.83		10/14/14 18:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.2	1.83		10/14/14 18:37	541-73-1	
1,4-Dichlorobenzene	13.8	ug/m3	2.2	1.83		10/14/14 18:37	106-46-7	
Dichlorodifluoromethane	4.6	ug/m3	1.8	1.83		10/14/14 18:37	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.5	1.83		10/15/14 12:40	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.75	1.83		10/14/14 18:37	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.5	1.83		10/14/14 18:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.5	1.83		10/14/14 18:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.5	1.83		10/14/14 18:37	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.7	1.83		10/14/14 18:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.7	1.83		10/14/14 18:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.7	1.83		10/14/14 18:37	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.6	1.83		10/14/14 18:37	76-14-2	
Ethyl acetate	ND	ug/m3	1.3	1.83		10/14/14 18:37	141-78-6	
Ethylbenzene	10.5	ug/m3	1.6	1.83		10/14/14 18:37	100-41-4	
4-Ethyltoluene	6.5	ug/m3	1.8	1.83		10/14/14 18:37	622-96-8	
n-Heptane	10.4	ug/m3	1.5	1.83		10/14/14 18:37	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.9	1.83		10/14/14 18:37	87-68-3	
n-Hexane	18.3	ug/m3	1.3	1.83		10/14/14 18:37	110-54-3	
2-Hexanone	1.5	ug/m3	1.5	1.83		10/14/14 18:37	591-78-6	
Methylene Chloride	ND	ug/m3	6.5	1.83		10/14/14 18:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.5	1.83		10/14/14 18:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.3	1.83		10/14/14 18:37	1634-04-4	
Propylene	12.5	ug/m3	1.6	1.83		10/14/14 18:37	115-07-1	
Styrene	ND	ug/m3	1.6	1.83		10/14/14 18:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.3	1.83		10/14/14 18:37	79-34-5	
Tetrachloroethene	15.8	ug/m3	1.3	1.83		10/14/14 18:37	127-18-4	
Tetrahydrofuran	3.6	ug/m3	1.1	1.83		10/14/14 18:37	109-99-9	
Toluene	301	ug/m3	14.1	18.3		10/15/14 13:01	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	6.9	1.83		10/14/14 18:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.0	1.83		10/15/14 12:40	71-55-6	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

Sample: RVP-1		Lab ID: 10285033001	Collected: 10/06/14 01:03	Received: 10/14/14 11:10	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15						
1,1,2-Trichloroethane	ND	ug/m3	1.0	1.83		10/14/14 18:37	79-00-5	
Trichloroethene	ND	ug/m3	1.0	1.83		10/14/14 18:37	79-01-6	
Trichlorofluoromethane	ND	ug/m3	2.1	1.83		10/14/14 18:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.9	1.83		10/14/14 18:37	76-13-1	
1,2,4-Trimethylbenzene	<b>19.3</b>	ug/m3	1.8	1.83		10/14/14 18:37	95-63-6	
1,3,5-Trimethylbenzene	<b>5.3</b>	ug/m3	1.8	1.83		10/14/14 18:37	108-67-8	
Vinyl acetate	ND	ug/m3	1.3	1.83		10/14/14 18:37	108-05-4	
Vinyl chloride	ND	ug/m3	0.48	1.83		10/14/14 18:37	75-01-4	
m&p-Xylene	<b>41.7</b>	ug/m3	3.2	1.83		10/14/14 18:37	179601-23-1	
o-Xylene	<b>14.1</b>	ug/m3	1.6	1.83		10/14/14 18:37	95-47-6	

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## ANALYTICAL RESULTS

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

Sample: AVP-1	Lab ID: 10285033002	Collected: 10/06/14 01:03	Received: 10/14/14 11:10	Matrix: Air				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15						
Acetone	<b>227</b>	ug/m3	7.0	2.88		10/14/14 19:00	67-64-1	
Benzene	<b>3.5</b>	ug/m3	0.94	2.88		10/14/14 19:00	71-43-2	
Bromodichloromethane	ND	ug/m3	3.9	2.88		10/14/14 19:00	75-27-4	
Bromoform	ND	ug/m3	6.0	2.88		10/14/14 19:00	75-25-2	
Bromomethane	ND	ug/m3	2.3	2.88		10/14/14 19:00	74-83-9	
1,3-Butadiene	ND	ug/m3	1.3	2.88		10/14/14 19:00	106-99-0	
2-Butanone (MEK)	<b>19.9</b>	ug/m3	1.7	2.88		10/14/14 19:00	78-93-3	
Carbon disulfide	<b>2.4</b>	ug/m3	1.8	2.88		10/14/14 19:00	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.8	2.88		10/14/14 19:00	56-23-5	
Chlorobenzene	ND	ug/m3	2.7	2.88		10/14/14 19:00	108-90-7	
Chloroethane	ND	ug/m3	1.6	2.88		10/14/14 19:00	75-00-3	
Chloroform	ND	ug/m3	1.4	2.88		10/14/14 19:00	67-66-3	
Chloromethane	ND	ug/m3	1.2	2.88		10/14/14 19:00	74-87-3	
Cyclohexane	<b>2.5</b>	ug/m3	2.0	2.88		10/14/14 19:00	110-82-7	
Dibromochloromethane	ND	ug/m3	5.0	2.88		10/14/14 19:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	4.5	2.88		10/14/14 19:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.5	2.88		10/14/14 19:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.5	2.88		10/14/14 19:00	541-73-1	
1,4-Dichlorobenzene	<b>4.3</b>	ug/m3	3.5	2.88		10/14/14 19:00	106-46-7	
Dichlorodifluoromethane	<b>65.9</b>	ug/m3	2.9	2.88		10/14/14 19:00	75-71-8	
1,1-Dichloroethane	ND	ug/m3	2.4	2.88		10/15/14 13:28	75-34-3	
1,2-Dichloroethane	ND	ug/m3	1.2	2.88		10/14/14 19:00	107-06-2	
1,1-Dichloroethene	ND	ug/m3	2.3	2.88		10/14/14 19:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	2.3	2.88		10/14/14 19:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	2.3	2.88		10/14/14 19:00	156-60-5	
1,2-Dichloropropane	ND	ug/m3	2.7	2.88		10/14/14 19:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.6	2.88		10/14/14 19:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.6	2.88		10/14/14 19:00	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	4.1	2.88		10/14/14 19:00	76-14-2	
Ethyl acetate	ND	ug/m3	2.1	2.88		10/14/14 19:00	141-78-6	
Ethylbenzene	<b>8.7</b>	ug/m3	2.5	2.88		10/14/14 19:00	100-41-4	
4-Ethyltoluene	<b>5.7</b>	ug/m3	2.9	2.88		10/14/14 19:00	622-96-8	
n-Heptane	<b>8.9</b>	ug/m3	2.4	2.88		10/14/14 19:00	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	15.6	2.88		10/14/14 19:00	87-68-3	
n-Hexane	<b>2.9</b>	ug/m3	2.1	2.88		10/14/14 19:00	110-54-3	
2-Hexanone	ND	ug/m3	2.4	2.88		10/14/14 19:00	591-78-6	
Methylene Chloride	ND	ug/m3	10.2	2.88		10/14/14 19:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>5.5</b>	ug/m3	2.4	2.88		10/14/14 19:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	2.1	2.88		10/14/14 19:00	1634-04-4	
Propylene	ND	ug/m3	2.5	2.88		10/14/14 19:00	115-07-1	
Styrene	ND	ug/m3	2.5	2.88		10/14/14 19:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.0	2.88		10/14/14 19:00	79-34-5	
Tetrachloroethene	<b>640</b>	ug/m3	9.9	14.4		10/15/14 13:50	127-18-4	IS
Tetrahydrofuran	ND	ug/m3	1.7	2.88		10/14/14 19:00	109-99-9	
Toluene	<b>138</b>	ug/m3	2.2	2.88		10/14/14 19:00	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	10.9	2.88		10/14/14 19:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	3.2	2.88		10/15/14 13:28	71-55-6	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

Sample: AVP-1		Lab ID: 10285033002	Collected: 10/06/14 01:03	Received: 10/14/14 11:10	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15						
1,1,2-Trichloroethane	ND	ug/m3	1.6	2.88		10/14/14 19:00	79-00-5	
Trichloroethene	<b>3.2</b>	ug/m3	1.6	2.88		10/14/14 19:00	79-01-6	
Trichlorofluoromethane	ND	ug/m3	3.3	2.88		10/14/14 19:00	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	4.6	2.88		10/14/14 19:00	76-13-1	
1,2,4-Trimethylbenzene	<b>16.0</b>	ug/m3	2.9	2.88		10/14/14 19:00	95-63-6	
1,3,5-Trimethylbenzene	<b>5.0</b>	ug/m3	2.9	2.88		10/14/14 19:00	108-67-8	
Vinyl acetate	ND	ug/m3	2.1	2.88		10/14/14 19:00	108-05-4	
Vinyl chloride	ND	ug/m3	0.75	2.88		10/14/14 19:00	75-01-4	
m&p-Xylene	<b>34.9</b>	ug/m3	5.1	2.88		10/14/14 19:00	179601-23-1	
o-Xylene	<b>11.8</b>	ug/m3	2.5	2.88		10/14/14 19:00	95-47-6	

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

QC Batch: AIR/21573

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Associated Lab Samples: 10285033001, 10285033002

METHOD BLANK: 1816312

Matrix: Air

Associated Lab Samples: 10285033001, 10285033002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	10/14/14 11:09	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	10/14/14 11:09	
1,1,2-Trichloroethane	ug/m3	ND	0.55	10/14/14 11:09	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	10/14/14 11:09	
1,1-Dichloroethane	ug/m3	ND	0.82	10/14/14 11:09	
1,1-Dichloroethene	ug/m3	ND	0.81	10/14/14 11:09	
1,2,4-Trichlorobenzene	ug/m3	ND	3.8	10/14/14 11:09	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	10/14/14 11:09	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.6	10/14/14 11:09	
1,2-Dichlorobenzene	ug/m3	ND	1.2	10/14/14 11:09	
1,2-Dichloroethane	ug/m3	ND	0.41	10/14/14 11:09	
1,2-Dichloropropane	ug/m3	ND	0.94	10/14/14 11:09	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	10/14/14 11:09	
1,3-Butadiene	ug/m3	ND	0.45	10/14/14 11:09	
1,3-Dichlorobenzene	ug/m3	ND	1.2	10/14/14 11:09	
1,4-Dichlorobenzene	ug/m3	ND	1.2	10/14/14 11:09	
2-Butanone (MEK)	ug/m3	ND	0.60	10/14/14 11:09	
2-Hexanone	ug/m3	ND	0.83	10/14/14 11:09	
4-Ethyltoluene	ug/m3	ND	1.0	10/14/14 11:09	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	0.83	10/14/14 11:09	
Acetone	ug/m3	ND	2.4	10/14/14 11:09	
Benzene	ug/m3	ND	0.32	10/14/14 11:09	
Bromodichloromethane	ug/m3	ND	1.4	10/14/14 11:09	
Bromoform	ug/m3	ND	2.1	10/14/14 11:09	
Bromomethane	ug/m3	ND	0.79	10/14/14 11:09	
Carbon disulfide	ug/m3	ND	0.63	10/14/14 11:09	
Carbon tetrachloride	ug/m3	ND	0.64	10/14/14 11:09	
Chlorobenzene	ug/m3	ND	0.94	10/14/14 11:09	
Chloroethane	ug/m3	ND	0.54	10/14/14 11:09	
Chloroform	ug/m3	ND	0.50	10/14/14 11:09	
Chloromethane	ug/m3	ND	0.42	10/14/14 11:09	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	10/14/14 11:09	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	10/14/14 11:09	
Cyclohexane	ug/m3	ND	0.70	10/14/14 11:09	
Dibromochloromethane	ug/m3	ND	1.7	10/14/14 11:09	
Dichlorodifluoromethane	ug/m3	ND	1.0	10/14/14 11:09	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	10/14/14 11:09	
Ethyl acetate	ug/m3	ND	0.73	10/14/14 11:09	
Ethylbenzene	ug/m3	ND	0.88	10/14/14 11:09	
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	10/14/14 11:09	
m&p-Xylene	ug/m3	ND	1.8	10/14/14 11:09	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

METHOD BLANK: 1816312

Matrix: Air

Associated Lab Samples: 10285033001, 10285033002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methyl-tert-butyl ether	ug/m3	ND	0.73	10/14/14 11:09	
Methylene Chloride	ug/m3	ND	3.5	10/14/14 11:09	
n-Heptane	ug/m3	ND	0.83	10/14/14 11:09	
n-Hexane	ug/m3	ND	0.72	10/14/14 11:09	
o-Xylene	ug/m3	ND	0.88	10/14/14 11:09	
Propylene	ug/m3	ND	0.88	10/14/14 11:09	
Styrene	ug/m3	ND	0.87	10/14/14 11:09	
Tetrachloroethene	ug/m3	ND	0.69	10/14/14 11:09	
Tetrahydrofuran	ug/m3	ND	0.60	10/14/14 11:09	
Toluene	ug/m3	ND	0.77	10/14/14 11:09	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	10/14/14 11:09	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	10/14/14 11:09	
Trichloroethene	ug/m3	ND	0.55	10/14/14 11:09	
Trichlorofluoromethane	ug/m3	ND	1.1	10/14/14 11:09	
Vinyl acetate	ug/m3	ND	0.72	10/14/14 11:09	
Vinyl chloride	ug/m3	ND	0.26	10/14/14 11:09	

LABORATORY CONTROL SAMPLE: 1816313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	60.2	108	72-128	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	67.7	97	72-136	
1,1,2-Trichloroethane	ug/m3	55.5	50.7	91	72-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	73.6	94	68-126	
1,1-Dichloroethane	ug/m3	41.2	41.1	100	68-128	
1,1-Dichloroethene	ug/m3	40.3	43.5	108	68-130	
1,2,4-Trichlorobenzene	ug/m3	75.5	58.1	77	30-150	
1,2,4-Trimethylbenzene	ug/m3	50	48.3	97	71-140	
1,2-Dibromoethane (EDB)	ug/m3	78.1	76.1	97	73-136	
1,2-Dichlorobenzene	ug/m3	61.2	54.5	89	63-150	
1,2-Dichloroethane	ug/m3	41.2	47.3	115	71-132	
1,2-Dichloropropane	ug/m3	47	43.4	92	72-130	
1,3,5-Trimethylbenzene	ug/m3	50	49.3	99	73-136	
1,3-Butadiene	ug/m3	22.5	20.8	92	72-130	
1,3-Dichlorobenzene	ug/m3	61.2	62.0	101	69-142	
1,4-Dichlorobenzene	ug/m3	61.2	56.7	93	65-142	
2-Butanone (MEK)	ug/m3	30	25.5	85	71-135	
2-Hexanone	ug/m3	41.7	39.4	95	75-133	
4-Ethyltoluene	ug/m3	50	50.8	102	73-134	
4-Methyl-2-pentanone (MIBK)	ug/m3	41.7	35.9	86	72-137	
Acetone	ug/m3	24.2	31.5	130	68-136	
Benzene	ug/m3	32.5	27.5	85	69-134	
Bromodichloromethane	ug/m3	68.2	73.3	108	74-129	
Bromoform	ug/m3	105	94.6	90	69-138	

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### QUALITY CONTROL DATA

Project: 1933 Normington Dry Cleaner  
Pace Project No.: 10285033

LABORATORY CONTROL SAMPLE: 1816313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/m3	39.5	34.3	87	68-127	
Carbon disulfide	ug/m3	31.7	25.2	80	68-130	
Carbon tetrachloride	ug/m3	64	93.9	147	66-134	CH,L1
Chlorobenzene	ug/m3	46.8	42.0	90	72-137	
Chloroethane	ug/m3	26.8	26.2	98	69-128	
Chloroform	ug/m3	49.7	51.3	103	72-127	
Chloromethane	ug/m3	21	20.1	96	69-125	
cis-1,2-Dichloroethene	ug/m3	40.3	35.5	88	71-135	
cis-1,3-Dichloropropene	ug/m3	46.2	45.4	98	74-134	
Cyclohexane	ug/m3	35	43.8	125	72-130	
Dibromochloromethane	ug/m3	86.6	89.3	103	73-133	
Dichlorodifluoromethane	ug/m3	50.3	55.5	110	69-125	
Dichlorotetrafluoroethane	ug/m3	71.1	81.2	114	68-128	
Ethyl acetate	ug/m3	36.6	34.4	94	71-134	
Ethylbenzene	ug/m3	44.2	41.9	95	73-139	
Hexachloro-1,3-butadiene	ug/m3	108	87.6	81	30-150	
m&p-Xylene	ug/m3	44.2	40.3	91	73-139	
Methyl-tert-butyl ether	ug/m3	36.7	33.5	91	72-132	
Methylene Chloride	ug/m3	35.3	28.0	79	64-134	
n-Heptane	ug/m3	41.7	36.6	88	70-130	
n-Hexane	ug/m3	35.8	40.7	113	69-128	
o-Xylene	ug/m3	44.2	41.7	94	71-138	
Propylene	ug/m3	17.5	13.7	78	69-133	
Styrene	ug/m3	43.3	41.3	95	74-136	
Tetrachloroethene	ug/m3	69	58.2	84	69-136	
Tetrahydrofuran	ug/m3	30	24.1	80	73-131	
Toluene	ug/m3	38.3	34.4	90	67-133	
trans-1,2-Dichloroethene	ug/m3	40.3	36.3	90	70-131	
trans-1,3-Dichloropropene	ug/m3	46.2	56.3	122	72-135	
Trichloroethene	ug/m3	54.6	49.0	90	70-135	
Trichlorofluoromethane	ug/m3	57.1	64.9	114	67-125	
Vinyl acetate	ug/m3	35.8	31.0	87	72-133	
Vinyl chloride	ug/m3	26	24.7	95	69-132	

SAMPLE DUPLICATE: 1817486

Parameter	Units	10285030001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.2J		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	.91J		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	ND		25	

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### QUALITY CONTROL DATA

Project: 1933 Normington Dry Cleaner  
Pace Project No.: 10285033

SAMPLE DUPLICATE: 1817486

Parameter	Units	10285030001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	165	154	7	25	
2-Butanone (MEK)	ug/m3	4.1	4.0	4	25	
2-Hexanone	ug/m3	ND	ND		25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	18.7	17.6	6	25	
Benzene	ug/m3	2.7	2.2	18	25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	3.1	3.0	5	25	
Chloromethane	ug/m3	ND	ND		25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	ND		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	ND	ND		25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	ND		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	1.4J		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	3.4J		25	
n-Heptane	ug/m3	ND	1J		25	
n-Hexane	ug/m3	ND	ND		25	
o-Xylene	ug/m3	ND	ND		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	ND	ND		25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	3.0	2.5	19	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	2.0	2.1	4	25	

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### QUALITY CONTROL DATA

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

SAMPLE DUPLICATE: 1817486

Parameter	Units	10285030001 Result	Dup Result	RPD	Max RPD	Qualifiers
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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## QUALIFIERS

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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

CH The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

IS The internal standard recovery associated with this result exceeds the lower control limit. The reported result should be considered an estimated value.

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

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1933 Normington Dry Cleaner

Pace Project No.: 10285033

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10285033001	RVP-1	TO-15	AIR/21573		
10285033002	AVP-1	TO-15	AIR/21573		

### REPORT OF LABORATORY ANALYSIS

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10 485033

# AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Page: 1 of 1	
Company: <b>RET</b>		Report To: <b>A.A.</b>		Attention: <b>A.A.</b>		Program	
Address: <b>4080 N. 30th Ave</b>		Copy To: <b>RET</b>		Company Name: <b>RET</b>		<input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act	
Email To: <b>whitson_w@54901</b>		Purchase Order No.:		Address:		<input type="checkbox"/> Voluntary Clean Up <input checked="" type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
Phone: <b>95175947</b>		Project Name: <b>Submittal to the City</b>		Pace Quote Reference:		Reporting Units ug/m <sup>3</sup> <input type="checkbox"/> mg/m <sup>3</sup> <input type="checkbox"/>	
Requested Due Date/TAT:		Project Number: <b>1533</b>		Pace Project Manager/Sales Rep.		Other: <b>PPBV</b> <input type="checkbox"/> <b>PPMV</b> <input type="checkbox"/>	
<b>Section D</b> Required Client Information <b>AIR SAMPLE ID</b> Sample IDs MUST BE UNIQUE		Valid Media Codes		<b>COLLECTED</b>		<b>REPORT LEVEL</b> II. ___ III. ___ IV. ___ Other	
#	ITEM	MEDIA CODE	PID Reading (Client only)	COMPOSITE START END/GRAB	DATE	TIME	Method:
1	RUP-1	66C 0	10/6/14 12:31	10/6/14	1:03	28	PM10
2	AUP-1	66C 0	10/6/14 1:12	10/6/14	1:33	24	3C-Fixed Gas (%)
3							TO-15 Short List*
4							TO-14
5							TO-13 (PM)
6							TO-4 (PCBs)
7							TO-5M (Methane)
8							TO-3
9							TO-3
10							TO-15
11							TO-16
12							Pace Lab ID

Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
<i>[Signature]</i>	10/6/14	12:31	<i>[Signature]</i>	10/14/14	11:00	Temp in °C Received on Ice Custody Sealed Cooler Samples Intact

SAMPLER NAME AND SIGNATURE  
 PRINT Name of SAMPLER:  
 SIGNATURE of SAMPLER:  
 DATE Signed (MM/DD/YYYY)

ORIGINAL

**Air Sample Condition Upon Receipt**

Client Name: Rei Eng.

Project #:

**WO# : 10285033**



Courier:  Fed Ex  UPS  USPS  Client  
 Commercial  Pace  Other: \_\_\_\_\_

Tracking Number: 6146 1784 2139

Custody Seal on Cooler/Box Present?  Yes  No      Seals Intact?  Yes  No      Optional: Proj. Due Date: \_\_\_\_\_ Proj. Name: \_\_\_\_\_

Packing Material:  Bubble Wrap  Bubble Bags  Foam  None  Other: \_\_\_\_\_      Temp Blank rec:  Yes  No

Temp. (TO17 and TO13 samples only) (°C): \_\_\_\_\_ Corrected Temp (°C): \_\_\_\_\_      Thermom. Used:  B88A912167504  72337080  
 B88A9132521491  80512447

Temp should be above freezing to 6°C      Correction Factor: \_\_\_\_\_      Date & Initials of Person Examining Contents: 12/14/14

Type of ice Received  Blue  Wet  None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or Signature on COC?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Media: <u>air can</u>		11.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.

Samples Received:					
Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
<u>R VP-1</u>	<u>1525</u>		<u>0968</u>		
<u>AUP-1</u>	<u>1660</u>		<u>0927</u>		

**CLIENT NOTIFICATION/RESOLUTION**

Field Data Required?  Yes  No

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_

Project Manager Review: [Signature] Date: 10/15/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

March 13, 2014

Andy Delforge  
REI  
4080 North 20th Avenue  
Wausau, WI 54401

RE: Project: 1933B NORMINGTON CLEANERS  
Pace Project No.: 4093012

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on March 08, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten  
brian.basten@pacelabs.com  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 11888

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

US Dept of Agriculture #: S-76505

Wisconsin Certification #: 405132750

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4093012001	MWWR1	Water	03/05/14 11:30	03/08/14 08:40
4093012002	PZWR2	Water	03/05/14 14:30	03/08/14 08:40
4093012003	PZWR3	Water	03/05/14 13:00	03/08/14 08:40
4093012004	CPZ1	Water	03/05/14 14:00	03/08/14 08:40
4093012005	CPZ2	Water	03/05/14 15:30	03/08/14 08:40
4093012006	CPZ3	Water	03/05/14 12:00	03/08/14 08:40
4093012007	CPZ5	Water	03/05/14 11:00	03/08/14 08:40
4093012008	CPZ6	Water	03/05/14 10:30	03/08/14 08:40

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### SAMPLE ANALYTE COUNT

Project: 1933B NORMINGTON CLEANERS  
Pace Project No.: 4093012

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4093012001	MWWR1	EPA 8260	LAP	64	PASI-G
4093012002	PZWR2	EPA 8260	LAP	64	PASI-G
4093012003	PZWR3	EPA 8260	LAP	64	PASI-G
4093012004	CPZ1	EPA 8260	LAP	64	PASI-G
4093012005	CPZ2	EPA 8260	LAP	64	PASI-G
4093012006	CPZ3	EPA 8260	LAP	64	PASI-G
4093012007	CPZ5	EPA 8260	LAP	64	PASI-G
4093012008	CPZ6	EPA 8260	LAP	64	PASI-G

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: MWWR1**      **Lab ID: 4093012001**      Collected: 03/05/14 11:30      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		03/12/14 07:53	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		03/12/14 07:53	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		03/12/14 07:53	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		03/12/14 07:53	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		03/12/14 07:53	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		03/12/14 07:53	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		03/12/14 07:53	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		03/12/14 07:53	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/12/14 07:53	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/12/14 07:53	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		03/12/14 07:53	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		03/12/14 07:53	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		03/12/14 07:53	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		03/12/14 07:53	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/12/14 07:53	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/12/14 07:53	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		03/12/14 07:53	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		03/12/14 07:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		03/12/14 07:53	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		03/12/14 07:53	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		03/12/14 07:53	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		03/12/14 07:53	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		03/12/14 07:53	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		03/12/14 07:53	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		03/12/14 07:53	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		03/12/14 07:53	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		03/12/14 07:53	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		03/12/14 07:53	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		03/12/14 07:53	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/12/14 07:53	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		03/12/14 07:53	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/12/14 07:53	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		03/12/14 07:53	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		03/12/14 07:53	10061-01-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		03/12/14 07:53	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/12/14 07:53	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/12/14 07:53	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		03/12/14 07:53	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		03/12/14 07:53	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		03/12/14 07:53	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		03/12/14 07:53	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		03/12/14 07:53	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/12/14 07:53	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/12/14 07:53	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		03/12/14 07:53	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		03/12/14 07:53	630-20-6	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: MWWR1**      **Lab ID: 4093012001**      Collected: 03/05/14 11:30      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/12/14 07:53	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		03/12/14 07:53	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		03/12/14 07:53	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		03/12/14 07:53	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		03/12/14 07:53	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		03/12/14 07:53	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		03/12/14 07:53	79-00-5	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		03/12/14 07:53	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		03/12/14 07:53	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		03/12/14 07:53	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/12/14 07:53	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/12/14 07:53	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		03/12/14 07:53	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		03/12/14 07:53	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/12/14 07:53	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	59-130		1		03/12/14 07:53	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		03/12/14 07:53	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		03/12/14 07:53	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: PZWR2**      **Lab ID: 4093012002**      Collected: 03/05/14 14:30      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	71-43-2	
Bromobenzene	<2.4	ug/L	5.0	2.4	5		03/11/14 12:13	108-86-1	
Bromochloromethane	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	74-97-5	
Bromodichloromethane	<2.3	ug/L	5.0	2.3	5		03/11/14 12:13	75-27-4	
Bromoform	<1.6	ug/L	5.0	1.6	5		03/11/14 12:13	75-25-2	
Bromomethane	<2.1	ug/L	25.0	2.1	5		03/11/14 12:13	74-83-9	
n-Butylbenzene	<2.0	ug/L	5.0	2.0	5		03/11/14 12:13	104-51-8	
sec-Butylbenzene	<3.0	ug/L	25.0	3.0	5		03/11/14 12:13	135-98-8	
tert-Butylbenzene	<2.1	ug/L	5.0	2.1	5		03/11/14 12:13	98-06-6	
Carbon tetrachloride	<1.8	ug/L	5.0	1.8	5		03/11/14 12:13	56-23-5	
Chlorobenzene	<1.8	ug/L	5.0	1.8	5		03/11/14 12:13	108-90-7	
Chloroethane	<2.2	ug/L	5.0	2.2	5		03/11/14 12:13	75-00-3	
Chloroform	<3.4	ug/L	25.0	3.4	5		03/11/14 12:13	67-66-3	
Chloromethane	<1.9	ug/L	5.0	1.9	5		03/11/14 12:13	74-87-3	
2-Chlorotoluene	<2.4	ug/L	5.0	2.4	5		03/11/14 12:13	95-49-8	
4-Chlorotoluene	<2.4	ug/L	5.0	2.4	5		03/11/14 12:13	106-43-4	
1,2-Dibromo-3-chloropropane	<7.5	ug/L	25.0	7.5	5		03/11/14 12:13	96-12-8	
Dibromochloromethane	<9.5	ug/L	25.0	9.5	5		03/11/14 12:13	124-48-1	
1,2-Dibromoethane (EDB)	<1.9	ug/L	5.0	1.9	5		03/11/14 12:13	106-93-4	
Dibromomethane	<2.4	ug/L	5.0	2.4	5		03/11/14 12:13	74-95-3	
1,2-Dichlorobenzene	<2.2	ug/L	5.0	2.2	5		03/11/14 12:13	95-50-1	
1,3-Dichlorobenzene	<2.3	ug/L	5.0	2.3	5		03/11/14 12:13	541-73-1	
1,4-Dichlorobenzene	<2.2	ug/L	5.0	2.2	5		03/11/14 12:13	106-46-7	
Dichlorodifluoromethane	<2.0	ug/L	5.0	2.0	5		03/11/14 12:13	75-71-8	
1,1-Dichloroethane	<1.4	ug/L	5.0	1.4	5		03/11/14 12:13	75-34-3	
1,2-Dichloroethane	<2.4	ug/L	5.0	2.4	5		03/11/14 12:13	107-06-2	
1,1-Dichloroethene	<2.1	ug/L	5.0	2.1	5		03/11/14 12:13	75-35-4	
cis-1,2-Dichloroethene	<2.1	ug/L	5.0	2.1	5		03/11/14 12:13	156-59-2	
trans-1,2-Dichloroethene	<1.9	ug/L	5.0	1.9	5		03/11/14 12:13	156-60-5	
1,2-Dichloropropane	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	78-87-5	
1,3-Dichloropropane	<2.3	ug/L	5.0	2.3	5		03/11/14 12:13	142-28-9	
2,2-Dichloropropane	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	594-20-7	
1,1-Dichloropropene	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	563-58-6	
cis-1,3-Dichloropropene	<1.5	ug/L	5.0	1.5	5		03/11/14 12:13	10061-01-5	
trans-1,3-Dichloropropene	<1.5	ug/L	5.0	1.5	5		03/11/14 12:13	10061-02-6	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	108-20-3	
Ethylbenzene	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	100-41-4	
Hexachloro-1,3-butadiene	<6.3	ug/L	25.0	6.3	5		03/11/14 12:13	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.0	1.7	5		03/11/14 12:13	98-82-8	
p-Isopropyltoluene	<2.0	ug/L	5.0	2.0	5		03/11/14 12:13	99-87-6	
Methylene Chloride	<1.8	ug/L	5.0	1.8	5		03/11/14 12:13	75-09-2	
Methyl-tert-butyl ether	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	1634-04-4	
Naphthalene	<12.5	ug/L	25.0	12.5	5		03/11/14 12:13	91-20-3	
n-Propylbenzene	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	103-65-1	
Styrene	<1.7	ug/L	5.0	1.7	5		03/11/14 12:13	100-42-5	
1,1,1,2-Tetrachloroethane	<2.3	ug/L	5.0	2.3	5		03/11/14 12:13	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: PZWR2**      **Lab ID: 4093012002**      Collected: 03/05/14 14:30      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<1.9	ug/L	5.0	1.9	5		03/11/14 12:13	79-34-5	
Tetrachloroethene	650	ug/L	5.0	2.4	5		03/11/14 12:13	127-18-4	M1
Toluene	<2.2	ug/L	5.0	2.2	5		03/11/14 12:13	108-88-3	
1,2,3-Trichlorobenzene	<3.8	ug/L	25.0	3.8	5		03/11/14 12:13	87-61-6	
1,2,4-Trichlorobenzene	<12.5	ug/L	25.0	12.5	5		03/11/14 12:13	120-82-1	
1,1,1-Trichloroethane	<2.2	ug/L	5.0	2.2	5		03/11/14 12:13	71-55-6	
1,1,2-Trichloroethane	<1.9	ug/L	5.0	1.9	5		03/11/14 12:13	79-00-5	
Trichloroethene	3.7J	ug/L	5.0	1.8	5		03/11/14 12:13	79-01-6	
Trichlorofluoromethane	<2.4	ug/L	5.0	2.4	5		03/11/14 12:13	75-69-4	
1,2,3-Trichloropropane	<2.3	ug/L	5.0	2.3	5		03/11/14 12:13	96-18-4	
1,2,4-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	108-67-8	
Vinyl chloride	<0.92	ug/L	5.0	0.92	5		03/11/14 12:13	75-01-4	
m&p-Xylene	<4.1	ug/L	10.0	4.1	5		03/11/14 12:13	179601-23-1	
o-Xylene	<2.5	ug/L	5.0	2.5	5		03/11/14 12:13	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	59-130		5		03/11/14 12:13	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		5		03/11/14 12:13	1868-53-7	
Toluene-d8 (S)	100	%	70-130		5		03/11/14 12:13	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: PZWR3**      **Lab ID: 4093012003**      Collected: 03/05/14 13:00      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		03/11/14 12:57	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		03/11/14 12:57	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		03/11/14 12:57	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		03/11/14 12:57	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		03/11/14 12:57	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		03/11/14 12:57	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		03/11/14 12:57	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		03/11/14 12:57	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/11/14 12:57	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/11/14 12:57	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		03/11/14 12:57	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 12:57	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		03/11/14 12:57	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		03/11/14 12:57	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 12:57	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 12:57	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		03/11/14 12:57	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		03/11/14 12:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		03/11/14 12:57	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		03/11/14 12:57	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		03/11/14 12:57	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		03/11/14 12:57	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		03/11/14 12:57	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		03/11/14 12:57	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		03/11/14 12:57	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		03/11/14 12:57	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		03/11/14 12:57	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		03/11/14 12:57	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		03/11/14 12:57	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 12:57	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		03/11/14 12:57	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 12:57	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		03/11/14 12:57	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		03/11/14 12:57	10061-01-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		03/11/14 12:57	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/11/14 12:57	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 12:57	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		03/11/14 12:57	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		03/11/14 12:57	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		03/11/14 12:57	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		03/11/14 12:57	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		03/11/14 12:57	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/11/14 12:57	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 12:57	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		03/11/14 12:57	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		03/11/14 12:57	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: PZWR3**      **Lab ID: 4093012003**      Collected: 03/05/14 13:00      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/11/14 12:57	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		03/11/14 12:57	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		03/11/14 12:57	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		03/11/14 12:57	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		03/11/14 12:57	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 12:57	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		03/11/14 12:57	79-00-5	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		03/11/14 12:57	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		03/11/14 12:57	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		03/11/14 12:57	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 12:57	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 12:57	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		03/11/14 12:57	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		03/11/14 12:57	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/11/14 12:57	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	59-130		1		03/11/14 12:57	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		03/11/14 12:57	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		03/11/14 12:57	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: CPZ1**      **Lab ID: 4093012004**      Collected: 03/05/14 14:00      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:20	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		03/11/14 13:20	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		03/11/14 13:20	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		03/11/14 13:20	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		03/11/14 13:20	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		03/11/14 13:20	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		03/11/14 13:20	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		03/11/14 13:20	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/11/14 13:20	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/11/14 13:20	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		03/11/14 13:20	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 13:20	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		03/11/14 13:20	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		03/11/14 13:20	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 13:20	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 13:20	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		03/11/14 13:20	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		03/11/14 13:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		03/11/14 13:20	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		03/11/14 13:20	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		03/11/14 13:20	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		03/11/14 13:20	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		03/11/14 13:20	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		03/11/14 13:20	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		03/11/14 13:20	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		03/11/14 13:20	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		03/11/14 13:20	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		03/11/14 13:20	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		03/11/14 13:20	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 13:20	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		03/11/14 13:20	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 13:20	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		03/11/14 13:20	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		03/11/14 13:20	10061-01-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		03/11/14 13:20	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/11/14 13:20	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:20	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		03/11/14 13:20	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		03/11/14 13:20	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		03/11/14 13:20	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		03/11/14 13:20	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		03/11/14 13:20	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/11/14 13:20	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:20	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		03/11/14 13:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		03/11/14 13:20	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: CPZ1**      **Lab ID: 4093012004**      Collected: 03/05/14 14:00      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/11/14 13:20	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		03/11/14 13:20	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		03/11/14 13:20	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		03/11/14 13:20	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		03/11/14 13:20	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 13:20	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		03/11/14 13:20	79-00-5	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		03/11/14 13:20	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		03/11/14 13:20	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		03/11/14 13:20	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:20	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:20	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		03/11/14 13:20	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		03/11/14 13:20	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:20	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	59-130		1		03/11/14 13:20	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		03/11/14 13:20	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		03/11/14 13:20	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: CPZ2**      **Lab ID: 4093012005**      Collected: 03/05/14 15:30      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:42	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		03/11/14 13:42	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		03/11/14 13:42	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		03/11/14 13:42	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		03/11/14 13:42	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		03/11/14 13:42	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		03/11/14 13:42	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		03/11/14 13:42	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/11/14 13:42	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/11/14 13:42	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		03/11/14 13:42	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 13:42	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		03/11/14 13:42	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		03/11/14 13:42	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 13:42	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 13:42	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		03/11/14 13:42	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		03/11/14 13:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		03/11/14 13:42	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		03/11/14 13:42	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		03/11/14 13:42	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		03/11/14 13:42	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		03/11/14 13:42	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		03/11/14 13:42	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		03/11/14 13:42	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		03/11/14 13:42	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		03/11/14 13:42	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		03/11/14 13:42	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		03/11/14 13:42	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 13:42	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		03/11/14 13:42	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 13:42	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		03/11/14 13:42	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		03/11/14 13:42	10061-01-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		03/11/14 13:42	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/11/14 13:42	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:42	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		03/11/14 13:42	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		03/11/14 13:42	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		03/11/14 13:42	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		03/11/14 13:42	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		03/11/14 13:42	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/11/14 13:42	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:42	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		03/11/14 13:42	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		03/11/14 13:42	630-20-6	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: CPZ2**      **Lab ID: 4093012005**      Collected: 03/05/14 15:30      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/11/14 13:42	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		03/11/14 13:42	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		03/11/14 13:42	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		03/11/14 13:42	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		03/11/14 13:42	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 13:42	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		03/11/14 13:42	79-00-5	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		03/11/14 13:42	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		03/11/14 13:42	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		03/11/14 13:42	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:42	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:42	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		03/11/14 13:42	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		03/11/14 13:42	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/11/14 13:42	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93 %		59-130		1		03/11/14 13:42	460-00-4	
Dibromofluoromethane (S)	110 %		70-130		1		03/11/14 13:42	1868-53-7	
Toluene-d8 (S)	99 %		70-130		1		03/11/14 13:42	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: CPZ3**      **Lab ID: 4093012006**      Collected: 03/05/14 12:00      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:04	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		03/11/14 14:04	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		03/11/14 14:04	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		03/11/14 14:04	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		03/11/14 14:04	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		03/11/14 14:04	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		03/11/14 14:04	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		03/11/14 14:04	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/11/14 14:04	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/11/14 14:04	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		03/11/14 14:04	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 14:04	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		03/11/14 14:04	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		03/11/14 14:04	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 14:04	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 14:04	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		03/11/14 14:04	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		03/11/14 14:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		03/11/14 14:04	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		03/11/14 14:04	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		03/11/14 14:04	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		03/11/14 14:04	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		03/11/14 14:04	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		03/11/14 14:04	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		03/11/14 14:04	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		03/11/14 14:04	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		03/11/14 14:04	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		03/11/14 14:04	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		03/11/14 14:04	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 14:04	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		03/11/14 14:04	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 14:04	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		03/11/14 14:04	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		03/11/14 14:04	10061-01-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		03/11/14 14:04	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/11/14 14:04	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:04	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		03/11/14 14:04	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		03/11/14 14:04	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		03/11/14 14:04	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		03/11/14 14:04	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		03/11/14 14:04	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/11/14 14:04	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:04	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		03/11/14 14:04	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		03/11/14 14:04	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: CPZ3**      **Lab ID: 4093012006**      Collected: 03/05/14 12:00      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/11/14 14:04	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		03/11/14 14:04	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		03/11/14 14:04	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		03/11/14 14:04	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		03/11/14 14:04	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 14:04	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		03/11/14 14:04	79-00-5	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		03/11/14 14:04	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		03/11/14 14:04	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		03/11/14 14:04	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:04	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:04	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		03/11/14 14:04	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		03/11/14 14:04	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:04	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	59-130		1		03/11/14 14:04	460-00-4	pH
Dibromofluoromethane (S)	110	%	70-130		1		03/11/14 14:04	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		03/11/14 14:04	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: CPZ5**      **Lab ID: 4093012007**      Collected: 03/05/14 11:00      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:27	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		03/11/14 14:27	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		03/11/14 14:27	74-97-5	
Bromodichloromethane	<0.45	ug/L	1.0	0.45	1		03/11/14 14:27	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		03/11/14 14:27	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		03/11/14 14:27	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		03/11/14 14:27	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		03/11/14 14:27	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/11/14 14:27	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/11/14 14:27	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		03/11/14 14:27	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 14:27	75-00-3	
Chloroform	<0.69	ug/L	5.0	0.69	1		03/11/14 14:27	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		03/11/14 14:27	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 14:27	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 14:27	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		03/11/14 14:27	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		03/11/14 14:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		03/11/14 14:27	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		03/11/14 14:27	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		03/11/14 14:27	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		03/11/14 14:27	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		03/11/14 14:27	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		03/11/14 14:27	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		03/11/14 14:27	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		03/11/14 14:27	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		03/11/14 14:27	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		03/11/14 14:27	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		03/11/14 14:27	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 14:27	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		03/11/14 14:27	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 14:27	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		03/11/14 14:27	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		03/11/14 14:27	10061-01-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		03/11/14 14:27	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/11/14 14:27	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:27	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		03/11/14 14:27	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		03/11/14 14:27	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		03/11/14 14:27	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		03/11/14 14:27	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		03/11/14 14:27	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/11/14 14:27	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:27	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		03/11/14 14:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		03/11/14 14:27	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: CPZ5**      **Lab ID: 4093012007**      Collected: 03/05/14 11:00      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/11/14 14:27	79-34-5	
Tetrachloroethene	31.9	ug/L	1.0	0.47	1		03/11/14 14:27	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		03/11/14 14:27	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		03/11/14 14:27	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		03/11/14 14:27	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 14:27	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		03/11/14 14:27	79-00-5	
Trichloroethene	21.7	ug/L	1.0	0.36	1		03/11/14 14:27	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		03/11/14 14:27	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		03/11/14 14:27	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:27	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:27	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		03/11/14 14:27	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		03/11/14 14:27	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:27	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	59-130		1		03/11/14 14:27	460-00-4	pH
Dibromofluoromethane (S)	108	%	70-130		1		03/11/14 14:27	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		03/11/14 14:27	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: CPZ6**      **Lab ID: 4093012008**      Collected: 03/05/14 10:30      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:49	71-43-2	
Bromobenzene	<0.48	ug/L	1.0	0.48	1		03/11/14 14:49	108-86-1	
Bromochloromethane	<0.49	ug/L	1.0	0.49	1		03/11/14 14:49	74-97-5	
Bromodichloromethane	<b>0.90J</b>	ug/L	1.0	0.45	1		03/11/14 14:49	75-27-4	
Bromoform	<0.33	ug/L	1.0	0.33	1		03/11/14 14:49	75-25-2	
Bromomethane	<0.43	ug/L	5.0	0.43	1		03/11/14 14:49	74-83-9	
n-Butylbenzene	<0.40	ug/L	1.0	0.40	1		03/11/14 14:49	104-51-8	
sec-Butylbenzene	<0.60	ug/L	5.0	0.60	1		03/11/14 14:49	135-98-8	
tert-Butylbenzene	<0.42	ug/L	1.0	0.42	1		03/11/14 14:49	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		03/11/14 14:49	56-23-5	
Chlorobenzene	<0.36	ug/L	1.0	0.36	1		03/11/14 14:49	108-90-7	
Chloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 14:49	75-00-3	
Chloroform	<b>12.9</b>	ug/L	5.0	0.69	1		03/11/14 14:49	67-66-3	
Chloromethane	<0.39	ug/L	1.0	0.39	1		03/11/14 14:49	74-87-3	
2-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 14:49	95-49-8	
4-Chlorotoluene	<0.48	ug/L	1.0	0.48	1		03/11/14 14:49	106-43-4	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	5.0	1.5	1		03/11/14 14:49	96-12-8	
Dibromochloromethane	<1.9	ug/L	5.0	1.9	1		03/11/14 14:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.38	ug/L	1.0	0.38	1		03/11/14 14:49	106-93-4	
Dibromomethane	<0.48	ug/L	1.0	0.48	1		03/11/14 14:49	74-95-3	
1,2-Dichlorobenzene	<0.44	ug/L	1.0	0.44	1		03/11/14 14:49	95-50-1	
1,3-Dichlorobenzene	<0.45	ug/L	1.0	0.45	1		03/11/14 14:49	541-73-1	
1,4-Dichlorobenzene	<0.43	ug/L	1.0	0.43	1		03/11/14 14:49	106-46-7	
Dichlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		03/11/14 14:49	75-71-8	
1,1-Dichloroethane	<0.28	ug/L	1.0	0.28	1		03/11/14 14:49	75-34-3	
1,2-Dichloroethane	<0.48	ug/L	1.0	0.48	1		03/11/14 14:49	107-06-2	
1,1-Dichloroethene	<0.43	ug/L	1.0	0.43	1		03/11/14 14:49	75-35-4	
cis-1,2-Dichloroethene	<0.42	ug/L	1.0	0.42	1		03/11/14 14:49	156-59-2	
trans-1,2-Dichloroethene	<0.37	ug/L	1.0	0.37	1		03/11/14 14:49	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 14:49	78-87-5	
1,3-Dichloropropane	<0.46	ug/L	1.0	0.46	1		03/11/14 14:49	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/11/14 14:49	594-20-7	
1,1-Dichloropropene	<0.51	ug/L	1.0	0.51	1		03/11/14 14:49	563-58-6	
cis-1,3-Dichloropropene	<0.29	ug/L	1.0	0.29	1		03/11/14 14:49	10061-01-5	
trans-1,3-Dichloropropene	<0.30	ug/L	1.0	0.30	1		03/11/14 14:49	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/11/14 14:49	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:49	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		03/11/14 14:49	87-68-3	
Isopropylbenzene (Cumene)	<0.34	ug/L	1.0	0.34	1		03/11/14 14:49	98-82-8	
p-Isopropyltoluene	<0.40	ug/L	1.0	0.40	1		03/11/14 14:49	99-87-6	
Methylene Chloride	<0.36	ug/L	1.0	0.36	1		03/11/14 14:49	75-09-2	
Methyl-tert-butyl ether	<0.49	ug/L	1.0	0.49	1		03/11/14 14:49	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/11/14 14:49	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:49	103-65-1	
Styrene	<0.35	ug/L	1.0	0.35	1		03/11/14 14:49	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	1.0	0.45	1		03/11/14 14:49	630-20-6	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

**Sample: CPZ6**      **Lab ID: 4093012008**      Collected: 03/05/14 10:30      Received: 03/08/14 08:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		03/11/14 14:49	79-34-5	
Tetrachloroethene	<0.47	ug/L	1.0	0.47	1		03/11/14 14:49	127-18-4	
Toluene	<0.44	ug/L	1.0	0.44	1		03/11/14 14:49	108-88-3	
1,2,3-Trichlorobenzene	<0.77	ug/L	5.0	0.77	1		03/11/14 14:49	87-61-6	
1,2,4-Trichlorobenzene	<2.5	ug/L	5.0	2.5	1		03/11/14 14:49	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/L	1.0	0.44	1		03/11/14 14:49	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	1.0	0.39	1		03/11/14 14:49	79-00-5	
Trichloroethene	<0.36	ug/L	1.0	0.36	1		03/11/14 14:49	79-01-6	
Trichlorofluoromethane	<0.48	ug/L	1.0	0.48	1		03/11/14 14:49	75-69-4	
1,2,3-Trichloropropane	<0.47	ug/L	1.0	0.47	1		03/11/14 14:49	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:49	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:49	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		03/11/14 14:49	75-01-4	
m&p-Xylene	<0.82	ug/L	2.0	0.82	1		03/11/14 14:49	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/11/14 14:49	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	59-130		1		03/11/14 14:49	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		03/11/14 14:49	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/11/14 14:49	2037-26-5	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

QC Batch: MSV/23408

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Associated Lab Samples: 4093012001, 4093012002, 4093012003, 4093012004, 4093012005, 4093012006, 4093012007, 4093012008

METHOD BLANK: 939269

Matrix: Water

Associated Lab Samples: 4093012001, 4093012002, 4093012003, 4093012004, 4093012005, 4093012006, 4093012007, 4093012008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	03/11/14 07:00	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	03/11/14 07:00	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	03/11/14 07:00	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	03/11/14 07:00	
1,1-Dichloroethane	ug/L	<0.28	1.0	03/11/14 07:00	
1,1-Dichloroethene	ug/L	<0.43	1.0	03/11/14 07:00	
1,1-Dichloropropene	ug/L	<0.51	1.0	03/11/14 07:00	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	03/11/14 07:00	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	03/11/14 07:00	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	03/11/14 07:00	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	03/11/14 07:00	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	03/11/14 07:00	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	03/11/14 07:00	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	03/11/14 07:00	
1,2-Dichloroethane	ug/L	<0.48	1.0	03/11/14 07:00	
1,2-Dichloropropane	ug/L	<0.50	1.0	03/11/14 07:00	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	03/11/14 07:00	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	03/11/14 07:00	
1,3-Dichloropropane	ug/L	<0.46	1.0	03/11/14 07:00	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	03/11/14 07:00	
2,2-Dichloropropane	ug/L	<0.50	1.0	03/11/14 07:00	
2-Chlorotoluene	ug/L	<0.48	1.0	03/11/14 07:00	
4-Chlorotoluene	ug/L	<0.48	1.0	03/11/14 07:00	
Benzene	ug/L	<0.50	1.0	03/11/14 07:00	
Bromobenzene	ug/L	<0.48	1.0	03/11/14 07:00	
Bromochloromethane	ug/L	<0.49	1.0	03/11/14 07:00	
Bromodichloromethane	ug/L	<0.45	1.0	03/11/14 07:00	
Bromoform	ug/L	<0.33	1.0	03/11/14 07:00	
Bromomethane	ug/L	<0.43	5.0	03/11/14 07:00	
Carbon tetrachloride	ug/L	<0.37	1.0	03/11/14 07:00	
Chlorobenzene	ug/L	<0.36	1.0	03/11/14 07:00	
Chloroethane	ug/L	<0.44	1.0	03/11/14 07:00	
Chloroform	ug/L	<0.69	5.0	03/11/14 07:00	
Chloromethane	ug/L	<0.39	1.0	03/11/14 07:00	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	03/11/14 07:00	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	03/11/14 07:00	
Dibromochloromethane	ug/L	<1.9	5.0	03/11/14 07:00	
Dibromomethane	ug/L	<0.48	1.0	03/11/14 07:00	
Dichlorodifluoromethane	ug/L	<0.40	1.0	03/11/14 07:00	
Diisopropyl ether	ug/L	<0.50	1.0	03/11/14 07:00	
Ethylbenzene	ug/L	<0.50	1.0	03/11/14 07:00	
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	03/11/14 07:00	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	03/11/14 07:00	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

METHOD BLANK: 939269

Matrix: Water

Associated Lab Samples: 4093012001, 4093012002, 4093012003, 4093012004, 4093012005, 4093012006, 4093012007, 4093012008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<0.82	2.0	03/11/14 07:00	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	03/11/14 07:00	
Methylene Chloride	ug/L	<0.36	1.0	03/11/14 07:00	
n-Butylbenzene	ug/L	<0.40	1.0	03/11/14 07:00	
n-Propylbenzene	ug/L	<0.50	1.0	03/11/14 07:00	
Naphthalene	ug/L	<2.5	5.0	03/11/14 07:00	
o-Xylene	ug/L	<0.50	1.0	03/11/14 07:00	
p-Isopropyltoluene	ug/L	<0.40	1.0	03/11/14 07:00	
sec-Butylbenzene	ug/L	<0.60	5.0	03/11/14 07:00	
Styrene	ug/L	<0.35	1.0	03/11/14 07:00	
tert-Butylbenzene	ug/L	<0.42	1.0	03/11/14 07:00	
Tetrachloroethene	ug/L	<0.47	1.0	03/11/14 07:00	
Toluene	ug/L	<0.44	1.0	03/11/14 07:00	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	03/11/14 07:00	
trans-1,3-Dichloropropene	ug/L	<0.30	1.0	03/11/14 07:00	
Trichloroethene	ug/L	<0.36	1.0	03/11/14 07:00	
Trichlorofluoromethane	ug/L	<0.48	1.0	03/11/14 07:00	
Vinyl chloride	ug/L	<0.18	1.0	03/11/14 07:00	
4-Bromofluorobenzene (S)	%	91	59-130	03/11/14 07:00	
Dibromofluoromethane (S)	%	108	70-130	03/11/14 07:00	
Toluene-d8 (S)	%	99	70-130	03/11/14 07:00	

LABORATORY CONTROL SAMPLE & LCSD: 939270

939271

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.5	50.7	101	101	70-130	0	20	
1,1,2,2-Tetrachloroethane	ug/L	50	50.8	46.6	102	93	70-130	9	20	
1,1,2-Trichloroethane	ug/L	50	53.2	51.8	106	104	70-130	3	20	
1,1-Dichloroethane	ug/L	50	61.0	61.5	122	123	70-130	1	20	
1,1-Dichloroethene	ug/L	50	60.7	62.0	121	124	70-132	2	20	
1,2,4-Trichlorobenzene	ug/L	50	45.9	45.3	92	91	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	50	44.5	38.0	89	76	50-150	16	20	
1,2-Dibromoethane (EDB)	ug/L	50	51.6	50.2	103	100	70-130	3	20	
1,2-Dichlorobenzene	ug/L	50	53.0	50.9	106	102	70-130	4	20	
1,2-Dichloroethane	ug/L	50	54.8	52.8	110	106	70-130	4	20	
1,2-Dichloropropane	ug/L	50	49.9	49.7	100	99	70-130	0	20	
1,3-Dichlorobenzene	ug/L	50	51.1	49.6	102	99	70-130	3	20	
1,4-Dichlorobenzene	ug/L	50	54.0	53.0	108	106	70-130	2	20	
Benzene	ug/L	50	55.5	54.0	111	108	70-130	3	20	
Bromodichloromethane	ug/L	50	51.9	49.9	104	100	70-130	4	20	
Bromoform	ug/L	50	44.8	42.8	90	86	70-130	5	20	
Bromomethane	ug/L	50	36.8	47.2	74	94	34-157	25	20	R1
Carbon tetrachloride	ug/L	50	53.7	53.9	107	108	70-132	0	20	
Chlorobenzene	ug/L	50	56.8	55.2	114	110	70-130	3	20	
Chloroethane	ug/L	50	56.2	56.7	112	113	60-143	1	20	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

LABORATORY CONTROL SAMPLE & LCSD: 939270		939271								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	54.2	54.6	108	109	70-130	1	20	
Chloromethane	ug/L	50	37.4	39.1	75	78	43-148	4	20	
cis-1,2-Dichloroethene	ug/L	50	53.4	53.9	107	108	51-133	1	20	
cis-1,3-Dichloropropene	ug/L	50	46.1	45.3	92	91	70-130	2	20	
Dibromochloromethane	ug/L	50	51.6	50.1	103	100	70-130	3	20	
Dichlorodifluoromethane	ug/L	50	41.9	42.9	84	86	10-174	2	20	
Ethylbenzene	ug/L	50	55.8	54.8	112	110	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	50	54.3	53.0	109	106	70-136	2	20	
m&p-Xylene	ug/L	100	117	113	117	113	70-131	3	20	
Methyl-tert-butyl ether	ug/L	50	55.2	53.3	110	107	54-139	4	20	
Methylene Chloride	ug/L	50	64.1	62.9	128	126	70-130	2	20	
o-Xylene	ug/L	50	57.1	55.0	114	110	70-130	4	20	
Styrene	ug/L	50	56.4	54.4	113	109	70-130	4	20	
Tetrachloroethene	ug/L	50	48.7	46.9	97	94	70-130	4	20	
Toluene	ug/L	50	56.8	55.2	114	110	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	50	62.8	63.1	126	126	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	50	49.1	48.4	98	97	70-130	1	20	
Trichloroethene	ug/L	50	51.5	50.2	103	100	70-130	3	20	
Trichlorofluoromethane	ug/L	50	61.1	63.0	122	126	50-150	3	20	
Vinyl chloride	ug/L	50	45.1	46.6	90	93	59-157	3	20	
4-Bromofluorobenzene (S)	%				101	101	59-130			
Dibromofluoromethane (S)	%				104	107	70-130			
Toluene-d8 (S)	%				101	103	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 939571		939572											
Parameter	Units	4093012002		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<2.2	50	50	49.3	51.4	99	103	70-130	4	20		
1,1,2,2-Tetrachloroethane	ug/L	<1.9	50	50	48.2	46.5	96	93	70-130	4	20		
1,1,2-Trichloroethane	ug/L	<1.9	50	50	50.6	49.7	101	99	70-130	2	20		
1,1-Dichloroethane	ug/L	<1.4	50	50	59.5	61.5	119	123	70-130	3	20		
1,1-Dichloroethene	ug/L	<2.1	50	50	61.3	62.6	123	125	70-138	2	20		
1,2,4-Trichlorobenzene	ug/L	<12.5	50	50	45.3	44.9	91	90	70-130	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<7.5	50	50	43.3	39.1	87	78	50-150	10	20		
1,2-Dibromoethane (EDB)	ug/L	<1.9	50	50	49.6	49.0	99	98	70-130	1	20		
1,2-Dichlorobenzene	ug/L	<2.2	50	50	50.7	50.5	101	101	70-130	0	20		
1,2-Dichloroethane	ug/L	<2.4	50	50	52.1	52.8	104	106	70-130	1	20		
1,2-Dichloropropane	ug/L	<2.5	50	50	47.4	50.0	95	100	70-130	5	20		
1,3-Dichlorobenzene	ug/L	<2.3	50	50	50.1	49.7	100	99	70-130	1	20		
1,4-Dichlorobenzene	ug/L	<2.2	50	50	53.4	52.2	107	104	70-130	2	20		
Benzene	ug/L	<2.5	50	50	52.5	54.1	105	108	70-130	3	20		
Bromodichloromethane	ug/L	<2.3	50	50	49.1	50.0	98	100	70-130	2	20		
Bromoform	ug/L	<1.6	50	50	42.5	42.2	85	84	70-130	1	20		
Bromomethane	ug/L	<2.1	50	50	46.2	52.5	92	105	34-159	13	20		
Carbon tetrachloride	ug/L	<1.8	50	50	52.9	54.9	106	110	70-132	4	20		
Chlorobenzene	ug/L	<1.8	50	50	54.5	54.2	109	108	70-130	1	20		

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

Parameter	Units	4093012002		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max	RPD	Qual
		Result	Conc.	Spike	Conc.	Result	Conc.	Result	Conc.	% Rec	% Rec						
Chloroethane	ug/L	<2.2	50	50	55.6	56.8	111	114	60-143	2	20						
Chloroform	ug/L	<3.4	50	50	52.2	53.6	104	107	70-130	3	20						
Chloromethane	ug/L	<1.9	50	50	37.0	38.8	74	78	43-149	5	20						
cis-1,2-Dichloroethene	ug/L	<2.1	50	50	53.3	53.1	107	106	48-137	0	33						
cis-1,3-Dichloropropene	ug/L	<1.5	50	50	43.6	44.9	87	90	70-130	3	20						
Dibromochloromethane	ug/L	<9.5	50	50	47.7	49.5	95	99	70-130	4	20						
Dichlorodifluoromethane	ug/L	<2.0	50	50	41.1	40.6	82	81	10-174	1	20						
Ethylbenzene	ug/L	<2.5	50	50	53.1	54.8	106	110	70-130	3	20						
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	51.6	53.2	103	106	70-136	3	20						
m&p-Xylene	ug/L	<4.1	100	100	111	114	111	114	70-135	3	20						
Methyl-tert-butyl ether	ug/L	<2.5	50	50	53.3	52.8	107	106	54-139	1	20						
Methylene Chloride	ug/L	<1.8	50	50	60.2	61.9	120	124	70-133	3	20						
o-Xylene	ug/L	<2.5	50	50	54.2	55.1	108	110	70-130	2	20						
Styrene	ug/L	<1.7	50	50	52.4	53.8	105	108	70-130	3	20						
Tetrachloroethene	ug/L	650	50	50	773	766	245	232	70-130	1	20	E,M1					
Toluene	ug/L	<2.2	50	50	54.7	54.8	109	110	70-130	0	20						
trans-1,2-Dichloroethene	ug/L	<1.9	50	50	60.8	63.2	122	126	70-130	4	20						
trans-1,3-Dichloropropene	ug/L	<1.5	50	50	46.7	47.9	93	96	70-130	3	20						
Trichloroethene	ug/L	3.7J	50	50	53.4	54.6	99	102	70-130	2	20						
Trichlorofluoromethane	ug/L	<2.4	50	50	60.3	63.9	121	128	50-150	6	20						
Vinyl chloride	ug/L	<0.92	50	50	45.7	47.1	91	94	59-158	3	20						
4-Bromofluorobenzene (S)	%						98	98	59-130								
Dibromofluoromethane (S)	%						103	105	70-130								
Toluene-d8 (S)	%						100	103	70-130								

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## QUALIFIERS

Project: 1933B NORMINGTON CLEANERS  
Pace Project No.: 4093012

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

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

R1 RPD value was outside control limits.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1933B NORMINGTON CLEANERS

Pace Project No.: 4093012

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4093012001	MWWR1	EPA 8260	MSV/23408		
4093012002	PZWR2	EPA 8260	MSV/23408		
4093012003	PZWR3	EPA 8260	MSV/23408		
4093012004	CPZ1	EPA 8260	MSV/23408		
4093012005	CPZ2	EPA 8260	MSV/23408		
4093012006	CPZ3	EPA 8260	MSV/23408		
4093012007	CPZ5	EPA 8260	MSV/23408		
4093012008	CPZ6	EPA 8260	MSV/23408		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN OF CUSTODY

**Preservation Codes**  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)  
 PRESERVATION (CODE)\*

Y/N Pick Letter

Analyses Requested

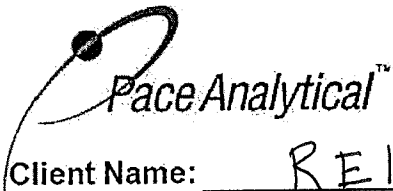
**Company Name:** REI Engineering Inc  
**Branch/Location:** Wausau  
**Project Contact:** Andy DeForge  
**Phone:** 715-9675-9784  
**Project Number:** 1933 B  
**Project Name:** Normington Cleaners  
**Project State:** WI  
**Sampled By (Print):** Jared Sejws  
**Sampled By (Sign):** [Signature]  
**PO #:**

**Data Package Options (billable)**  
 EPA Level III  
 EPA Level IV  
**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample  
**Matrix Codes**  
 W = Water  
 DW = Drinking Water  
 GW = Ground Water  
 SW = Surface Water  
 WW = Waste Water  
 WP = Wipe  
 A = Air  
 B = Biota  
 C = Charcoal  
 O = Oil  
 S = Soil  
 SI = Sludge

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	MW WR1	3/5/14	11:30	GW
002	PZ WR2		2:30	
003	PZ WR3		1:00	
004	CPZ1		2:00	
005	CPZ2		3:30	
006	CPZ3		12:00	
007	CPZ5		11:00	
008	CPZ6		10:30	

**Quote #:** 493012  
**Mail To Contact:** Andy DeForge  
**Mail To Company:** REI Engineering Inc  
**Mail To Address:** 4080 N 20th Ave  
 Wausau WI 54401  
**Invoice To Contact:** SAA  
**Invoice To Company:**  
**Invoice To Address:**  
**Invoice To Phone:**  
**CLIENT COMMENTS:**  
**LAB COMMENTS (Lab Use Only):** 3-40ml B

**Rush Turnaround Time Requested - Prelims**  
 (Rush TAT subject to approval/surcharge)  
 Date Needed: 3-8-14 0840  
 Rushed By: [Signature]  
 Relinquished By: [Signature]  
 Date: 3-8-14 0840  
 Relinquished By: [Signature]  
 Date: 3-8-14 0840  
 Rushed By: [Signature]  
 Relinquished By: [Signature]  
 Date: 3-8-14 0840  
 Relinquished By: [Signature]  
 Date: 3-8-14 0840  
 Rushed By: [Signature]  
 Relinquished By: [Signature]  
 Date: 3-8-14 0840  
 Relinquished By: [Signature]  
 Date: 3-8-14 0840



Sample Condition Upon Receipt

Pace Analytical Services, Inc.  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302

Project #: **WO# : 4093012**

Client Name: REI

Courier:  Fed Ex  UPS  Client  Pace Other: Waltco

Tracking #: 513360



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 NA Type of Ice:  Wet  Blue  Dry  None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: \_\_\_\_\_ /Corr: ROI Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Person examining contents:  
Date: 3-8-14  
Initials: BF

Temp should be above freezing to 6°C for all sample except Biota.  
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

If checked, see attached form for additional comments

Client Notification/ Resolution: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Person Contacted: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: CH G. BB Date: 3/10/14

May 06, 2016

Andy Delforge  
REI  
4080 North 20th Avenue  
Wausau, WI 54401

RE: Project: 1933 NORMINGTON DRY CLEANERS  
Pace Project No.: 40131689

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on May 03, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten  
brian.basten@pacelabs.com  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334  
Virginia VELAP ID: 460263  
North Dakota Certification #: R-150

South Carolina Certification #: 83006001  
Texas Certification #: T104704529-14-1  
US Dept of Agriculture #: S-76505  
Virginia VELAP Certification ID: 460263  
Virginia VELAP ID: 460263  
Wisconsin Certification #: 405132750  
Wisconsin DATCP Certification #: 105-444

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1933 NORMINGTON DRY CLEANERS  
Pace Project No.: 40131689

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40131689001	CPZ7	Water	04/28/16 09:50	05/03/16 08:50
40131689002	CPZ8	Water	04/28/16 10:45	05/03/16 08:50
40131689003	CPZ4R	Water	04/28/16 15:15	05/03/16 08:50
40131689004	MW2R	Water	04/28/16 14:40	05/03/16 08:50
40131689005	CPZ6	Water	04/28/16 11:00	05/03/16 08:50
40131689006	MW-WR1	Water	04/28/16 11:15	05/03/16 08:50
40131689007	PZ-WR3	Water	04/28/16 11:30	05/03/16 08:50
40131689008	CPZ2	Water	04/28/16 11:45	05/03/16 08:50
40131689009	CPZ1	Water	04/28/16 12:05	05/03/16 08:50
40131689010	CPZ5	Water	04/28/16 12:20	05/03/16 08:50
40131689011	CPZ3	Water	04/28/16 13:10	05/03/16 08:50
40131689012	PZ-WR2	Water	04/28/16 13:20	05/03/16 08:50
40131689013	PZ1	Water	04/28/16 15:00	05/03/16 08:50

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40131689001	CPZ7	EPA 8260	SMT	64	PASI-G
40131689002	CPZ8	EPA 8260	SMT	64	PASI-G
40131689003	CPZ4R	EPA 8260	SMT	64	PASI-G
40131689004	MW2R	EPA 8260	SMT	64	PASI-G
40131689005	CPZ6	EPA 8260	SMT	64	PASI-G
40131689006	MW-WR1	EPA 8260	SMT	64	PASI-G
40131689007	PZ-WR3	EPA 8260	SMT	64	PASI-G
40131689008	CPZ2	EPA 8260	SMT	64	PASI-G
40131689009	CPZ1	EPA 8260	SMT	64	PASI-G
40131689010	CPZ5	EPA 8260	SMT	64	PASI-G
40131689011	CPZ3	EPA 8260	SMT	64	PASI-G
40131689012	PZ-WR2	EPA 8260	LAP	64	PASI-G
40131689013	PZ1	EPA 8260	SMT	64	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ7**      **Lab ID: 40131689001**      Collected: 04/28/16 09:50      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<b>0.88J</b>	ug/L	1.0	0.50	1		05/05/16 15:32	71-43-2	
Bromobenzene	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		05/05/16 15:32	108-86-1	
Bromochloromethane	<b>&lt;0.34</b>	ug/L	1.0	0.34	1		05/05/16 15:32	74-97-5	
Bromodichloromethane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	75-27-4	
Bromoform	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	75-25-2	
Bromomethane	<b>&lt;2.4</b>	ug/L	5.0	2.4	1		05/05/16 15:32	74-83-9	
n-Butylbenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	104-51-8	
sec-Butylbenzene	<b>&lt;2.2</b>	ug/L	5.0	2.2	1		05/05/16 15:32	135-98-8	
tert-Butylbenzene	<b>&lt;0.18</b>	ug/L	1.0	0.18	1		05/05/16 15:32	98-06-6	
Carbon tetrachloride	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	56-23-5	
Chlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	108-90-7	
Chloroethane	<b>&lt;0.37</b>	ug/L	1.0	0.37	1		05/05/16 15:32	75-00-3	
Chloroform	<b>&lt;2.5</b>	ug/L	5.0	2.5	1		05/05/16 15:32	67-66-3	
Chloromethane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	74-87-3	
2-Chlorotoluene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	95-49-8	
4-Chlorotoluene	<b>&lt;0.21</b>	ug/L	1.0	0.21	1		05/05/16 15:32	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;2.2</b>	ug/L	5.0	2.2	1		05/05/16 15:32	96-12-8	
Dibromochloromethane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.18</b>	ug/L	1.0	0.18	1		05/05/16 15:32	106-93-4	
Dibromomethane	<b>&lt;0.43</b>	ug/L	1.0	0.43	1		05/05/16 15:32	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.22</b>	ug/L	1.0	0.22	1		05/05/16 15:32	75-71-8	
1,1-Dichloroethane	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		05/05/16 15:32	75-34-3	
1,2-Dichloroethane	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		05/05/16 15:32	107-06-2	
1,1-Dichloroethene	<b>&lt;0.41</b>	ug/L	1.0	0.41	1		05/05/16 15:32	75-35-4	
cis-1,2-Dichloroethene	<b>4.2</b>	ug/L	1.0	0.26	1		05/05/16 15:32	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;0.26</b>	ug/L	1.0	0.26	1		05/05/16 15:32	156-60-5	
1,2-Dichloropropane	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		05/05/16 15:32	78-87-5	
1,3-Dichloropropane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	142-28-9	
2,2-Dichloropropane	<b>&lt;0.48</b>	ug/L	1.0	0.48	1		05/05/16 15:32	594-20-7	
1,1-Dichloropropene	<b>&lt;0.44</b>	ug/L	1.0	0.44	1		05/05/16 15:32	563-58-6	
cis-1,3-Dichloropropene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		05/05/16 15:32	10061-02-6	
Diisopropyl ether	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	108-20-3	
Ethylbenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	100-41-4	
Hexachloro-1,3-butadiene	<b>&lt;2.1</b>	ug/L	5.0	2.1	1		05/05/16 15:32	87-68-3	
Isopropylbenzene (Cumene)	<b>&lt;0.14</b>	ug/L	1.0	0.14	1		05/05/16 15:32	98-82-8	
p-Isopropyltoluene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	99-87-6	
Methylene Chloride	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		05/05/16 15:32	75-09-2	
Methyl-tert-butyl ether	<b>5.6</b>	ug/L	1.0	0.17	1		05/05/16 15:32	1634-04-4	
Naphthalene	<b>&lt;2.5</b>	ug/L	5.0	2.5	1		05/05/16 15:32	91-20-3	
n-Propylbenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	103-65-1	
Styrene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		05/05/16 15:32	100-42-5	
1,1,1,2-Tetrachloroethane	<b>&lt;0.18</b>	ug/L	1.0	0.18	1		05/05/16 15:32	630-20-6	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ7**      **Lab ID: 40131689001**      Collected: 04/28/16 09:50      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 15:32	79-34-5	
Tetrachloroethene	3.7	ug/L	1.0	0.50	1		05/05/16 15:32	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:32	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 15:32	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 15:32	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:32	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 15:32	79-00-5	
Trichloroethene	18.1	ug/L	1.0	0.33	1		05/05/16 15:32	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 15:32	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:32	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:32	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:32	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 15:32	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 15:32	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:32	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/05/16 15:32	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/05/16 15:32	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/05/16 15:32	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ8**      **Lab ID: 40131689002**      Collected: 04/28/16 10:45      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 15:54	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 15:54	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 15:54	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 15:54	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 15:54	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 15:54	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/05/16 15:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 15:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 15:54	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 15:54	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 15:54	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 15:54	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 15:54	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 15:54	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 15:54	75-35-4	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.26	1		05/05/16 15:54	156-59-2	
trans-1,2-Dichloroethene	0.75J	ug/L	1.0	0.26	1		05/05/16 15:54	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 15:54	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 15:54	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 15:54	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 15:54	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 15:54	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 15:54	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 15:54	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 15:54	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 15:54	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 15:54	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ8**      **Lab ID: 40131689002**      Collected: 04/28/16 10:45      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 15:54	79-34-5	
Tetrachloroethene	137	ug/L	1.0	0.50	1		05/05/16 15:54	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 15:54	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 15:54	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 15:54	79-00-5	
Trichloroethene	26.1	ug/L	1.0	0.33	1		05/05/16 15:54	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 15:54	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 15:54	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 15:54	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:54	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		05/05/16 15:54	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		05/05/16 15:54	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/05/16 15:54	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample:** CPZ4R      **Lab ID:** 40131689003      Collected: 04/28/16 15:15      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 16:16	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 16:16	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 16:16	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 16:16	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 16:16	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 16:16	75-00-3	
Chloroform	7.6	ug/L	5.0	2.5	1		05/05/16 16:16	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 16:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 16:16	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 16:16	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 16:16	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 16:16	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 16:16	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 16:16	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 16:16	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 16:16	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 16:16	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 16:16	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 16:16	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 16:16	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 16:16	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 16:16	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 16:16	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 16:16	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 16:16	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 16:16	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 16:16	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ4R**      **Lab ID: 40131689003**      Collected: 04/28/16 15:15      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 16:16	79-34-5	
Tetrachloroethene	75.2	ug/L	1.0	0.50	1		05/05/16 16:16	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 16:16	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 16:16	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 16:16	79-00-5	
Trichloroethene	0.60J	ug/L	1.0	0.33	1		05/05/16 16:16	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 16:16	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 16:16	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 16:16	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:16	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		05/05/16 16:16	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		05/05/16 16:16	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/05/16 16:16	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

Sample: MW2R Lab ID: 40131689004 Collected: 04/28/16 14:40 Received: 05/03/16 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 16:37	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 16:37	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 16:37	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 16:37	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 16:37	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 16:37	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/05/16 16:37	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 16:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 16:37	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 16:37	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 16:37	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 16:37	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 16:37	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 16:37	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 16:37	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 16:37	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 16:37	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 16:37	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 16:37	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 16:37	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 16:37	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 16:37	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 16:37	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 16:37	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 16:37	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 16:37	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 16:37	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: MW2R**      **Lab ID: 40131689004**      Collected: 04/28/16 14:40      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 16:37	79-34-5	
Tetrachloroethene	5.0	ug/L	1.0	0.50	1		05/05/16 16:37	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 16:37	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 16:37	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 16:37	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/05/16 16:37	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 16:37	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 16:37	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 16:37	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:37	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		05/05/16 16:37	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/05/16 16:37	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/05/16 16:37	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ6**      **Lab ID: 40131689005**      Collected: 04/28/16 11:00      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 16:59	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 16:59	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 16:59	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 16:59	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 16:59	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 16:59	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/05/16 16:59	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 16:59	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 16:59	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 16:59	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 16:59	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 16:59	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 16:59	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 16:59	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 16:59	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 16:59	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 16:59	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 16:59	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 16:59	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 16:59	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 16:59	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 16:59	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 16:59	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 16:59	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 16:59	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 16:59	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ6**      **Lab ID: 40131689005**      Collected: 04/28/16 11:00      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 16:59	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 16:59	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 16:59	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 16:59	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/05/16 16:59	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 16:59	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 16:59	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 16:59	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 16:59	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		05/05/16 16:59	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/05/16 16:59	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/05/16 16:59	2037-26-5	

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**ANALYTICAL RESULTS**

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: MW-WR1**      **Lab ID: 40131689006**      Collected: 04/28/16 11:15      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 17:20	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 17:20	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 17:20	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 17:20	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 17:20	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 17:20	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/05/16 17:20	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 17:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 17:20	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 17:20	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 17:20	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 17:20	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 17:20	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 17:20	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 17:20	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 17:20	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 17:20	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 17:20	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 17:20	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 17:20	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 17:20	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 17:20	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 17:20	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 17:20	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 17:20	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 17:20	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 17:20	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: MW-WR1**      **Lab ID: 40131689006**      Collected: 04/28/16 11:15      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 17:20	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 17:20	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 17:20	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 17:20	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/05/16 17:20	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 17:20	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 17:20	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 17:20	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:20	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/05/16 17:20	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		05/05/16 17:20	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/05/16 17:20	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: PZ-WR3**      **Lab ID: 40131689007**      Collected: 04/28/16 11:30      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 15:10	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 15:10	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 15:10	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 15:10	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 15:10	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 15:10	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/05/16 15:10	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 15:10	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 15:10	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 15:10	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 15:10	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 15:10	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 15:10	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 15:10	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 15:10	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 15:10	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 15:10	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 15:10	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 15:10	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 15:10	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 15:10	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 15:10	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 15:10	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 15:10	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 15:10	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 15:10	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 15:10	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: PZ-WR3**      **Lab ID: 40131689007**      Collected: 04/28/16 11:30      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 15:10	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 15:10	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 15:10	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 15:10	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/05/16 15:10	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 15:10	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 15:10	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 15:10	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 15:10	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/05/16 15:10	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		05/05/16 15:10	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/05/16 15:10	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ2**      **Lab ID: 40131689008**      Collected: 04/28/16 11:45      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 17:42	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 17:42	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 17:42	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 17:42	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 17:42	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 17:42	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/05/16 17:42	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 17:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 17:42	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 17:42	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 17:42	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 17:42	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 17:42	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 17:42	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 17:42	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 17:42	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 17:42	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 17:42	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 17:42	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 17:42	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 17:42	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 17:42	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 17:42	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 17:42	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 17:42	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 17:42	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 17:42	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ2**      **Lab ID: 40131689008**      Collected: 04/28/16 11:45      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 17:42	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 17:42	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 17:42	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 17:42	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/05/16 17:42	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 17:42	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 17:42	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 17:42	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 17:42	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/05/16 17:42	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		05/05/16 17:42	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/05/16 17:42	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ1**      **Lab ID: 40131689009**      Collected: 04/28/16 12:05      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 18:04	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 18:04	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 18:04	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 18:04	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 18:04	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 18:04	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/05/16 18:04	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 18:04	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 18:04	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 18:04	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 18:04	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 18:04	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 18:04	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 18:04	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 18:04	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 18:04	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 18:04	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 18:04	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 18:04	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 18:04	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 18:04	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 18:04	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 18:04	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 18:04	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 18:04	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 18:04	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 18:04	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ1**      **Lab ID: 40131689009**      Collected: 04/28/16 12:05      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 18:04	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 18:04	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 18:04	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 18:04	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/05/16 18:04	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 18:04	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 18:04	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 18:04	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:04	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		05/05/16 18:04	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		05/05/16 18:04	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/05/16 18:04	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ5**      **Lab ID: 40131689010**      Collected: 04/28/16 12:20      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 18:25	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 18:25	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 18:25	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 18:25	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 18:25	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 18:25	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/05/16 18:25	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 18:25	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 18:25	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 18:25	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 18:25	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 18:25	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 18:25	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 18:25	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 18:25	75-35-4	
cis-1,2-Dichloroethene	0.35J	ug/L	1.0	0.26	1		05/05/16 18:25	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 18:25	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 18:25	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 18:25	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 18:25	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 18:25	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 18:25	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 18:25	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 18:25	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 18:25	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 18:25	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 18:25	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ5**      **Lab ID: 40131689010**      Collected: 04/28/16 12:20      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 18:25	79-34-5	
Tetrachloroethene	32.0	ug/L	1.0	0.50	1		05/05/16 18:25	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 18:25	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 18:25	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 18:25	79-00-5	
Trichloroethene	24.4	ug/L	1.0	0.33	1		05/05/16 18:25	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 18:25	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 18:25	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 18:25	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:25	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		05/05/16 18:25	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		05/05/16 18:25	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/05/16 18:25	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ3**      **Lab ID: 40131689011**      Collected: 04/28/16 13:10      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 18:47	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 18:47	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 18:47	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 18:47	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 18:47	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 18:47	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/05/16 18:47	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 18:47	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 18:47	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 18:47	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 18:47	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 18:47	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 18:47	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 18:47	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 18:47	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 18:47	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 18:47	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 18:47	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 18:47	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 18:47	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 18:47	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 18:47	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 18:47	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 18:47	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 18:47	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 18:47	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 18:47	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: CPZ3**      **Lab ID: 40131689011**      Collected: 04/28/16 13:10      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 18:47	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 18:47	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 18:47	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 18:47	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/05/16 18:47	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 18:47	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 18:47	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 18:47	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 18:47	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		05/05/16 18:47	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		05/05/16 18:47	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/05/16 18:47	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: PZ-WR2**      **Lab ID: 40131689012**      Collected: 04/28/16 13:20      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	71-43-2	
Bromobenzene	<4.6	ug/L	20.0	4.6	20		05/06/16 07:46	108-86-1	
Bromochloromethane	<6.8	ug/L	20.0	6.8	20		05/06/16 07:46	74-97-5	
Bromodichloromethane	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	75-27-4	
Bromoform	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	75-25-2	
Bromomethane	<48.7	ug/L	100	48.7	20		05/06/16 07:46	74-83-9	
n-Butylbenzene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	104-51-8	
sec-Butylbenzene	<43.7	ug/L	100	43.7	20		05/06/16 07:46	135-98-8	
tert-Butylbenzene	<3.6	ug/L	20.0	3.6	20		05/06/16 07:46	98-06-6	
Carbon tetrachloride	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	56-23-5	
Chlorobenzene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	108-90-7	
Chloroethane	<7.5	ug/L	20.0	7.5	20		05/06/16 07:46	75-00-3	
Chloroform	<50.0	ug/L	100	50.0	20		05/06/16 07:46	67-66-3	
Chloromethane	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	74-87-3	
2-Chlorotoluene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	95-49-8	
4-Chlorotoluene	<4.3	ug/L	20.0	4.3	20		05/06/16 07:46	106-43-4	
1,2-Dibromo-3-chloropropane	<43.3	ug/L	100	43.3	20		05/06/16 07:46	96-12-8	
Dibromochloromethane	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	124-48-1	
1,2-Dibromoethane (EDB)	<3.6	ug/L	20.0	3.6	20		05/06/16 07:46	106-93-4	
Dibromomethane	<8.5	ug/L	20.0	8.5	20		05/06/16 07:46	74-95-3	
1,2-Dichlorobenzene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	95-50-1	
1,3-Dichlorobenzene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	541-73-1	
1,4-Dichlorobenzene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	106-46-7	
Dichlorodifluoromethane	<4.5	ug/L	20.0	4.5	20		05/06/16 07:46	75-71-8	
1,1-Dichloroethane	<4.8	ug/L	20.0	4.8	20		05/06/16 07:46	75-34-3	
1,2-Dichloroethane	<3.4	ug/L	20.0	3.4	20		05/06/16 07:46	107-06-2	
1,1-Dichloroethene	<8.2	ug/L	20.0	8.2	20		05/06/16 07:46	75-35-4	
cis-1,2-Dichloroethene	<5.1	ug/L	20.0	5.1	20		05/06/16 07:46	156-59-2	
trans-1,2-Dichloroethene	<5.1	ug/L	20.0	5.1	20		05/06/16 07:46	156-60-5	
1,2-Dichloropropane	<4.7	ug/L	20.0	4.7	20		05/06/16 07:46	78-87-5	
1,3-Dichloropropane	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	142-28-9	
2,2-Dichloropropane	<9.7	ug/L	20.0	9.7	20		05/06/16 07:46	594-20-7	
1,1-Dichloropropene	<8.8	ug/L	20.0	8.8	20		05/06/16 07:46	563-58-6	
cis-1,3-Dichloropropene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	10061-01-5	
trans-1,3-Dichloropropene	<4.6	ug/L	20.0	4.6	20		05/06/16 07:46	10061-02-6	
Diisopropyl ether	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	108-20-3	
Ethylbenzene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	100-41-4	
Hexachloro-1,3-butadiene	<42.1	ug/L	100	42.1	20		05/06/16 07:46	87-68-3	
Isopropylbenzene (Cumene)	<2.9	ug/L	20.0	2.9	20		05/06/16 07:46	98-82-8	
p-Isopropyltoluene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	99-87-6	
Methylene Chloride	<4.7	ug/L	20.0	4.7	20		05/06/16 07:46	75-09-2	
Methyl-tert-butyl ether	<3.5	ug/L	20.0	3.5	20		05/06/16 07:46	1634-04-4	
Naphthalene	<50.0	ug/L	100	50.0	20		05/06/16 07:46	91-20-3	
n-Propylbenzene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	103-65-1	
Styrene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	20.0	3.6	20		05/06/16 07:46	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: PZ-WR2**      **Lab ID: 40131689012**      Collected: 04/28/16 13:20      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<5.0	ug/L	20.0	5.0	20		05/06/16 07:46	79-34-5	
Tetrachloroethene	2260	ug/L	20.0	10.0	20		05/06/16 07:46	127-18-4	
Toluene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	108-88-3	
1,2,3-Trichlorobenzene	<42.7	ug/L	100	42.7	20		05/06/16 07:46	87-61-6	
1,2,4-Trichlorobenzene	<44.2	ug/L	100	44.2	20		05/06/16 07:46	120-82-1	
1,1,1-Trichloroethane	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	71-55-6	
1,1,2-Trichloroethane	<3.9	ug/L	20.0	3.9	20		05/06/16 07:46	79-00-5	
Trichloroethene	7.3J	ug/L	20.0	6.6	20		05/06/16 07:46	79-01-6	
Trichlorofluoromethane	<3.7	ug/L	20.0	3.7	20		05/06/16 07:46	75-69-4	
1,2,3-Trichloropropane	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	96-18-4	
1,2,4-Trimethylbenzene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	95-63-6	
1,3,5-Trimethylbenzene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	108-67-8	
Vinyl chloride	<3.5	ug/L	20.0	3.5	20		05/06/16 07:46	75-01-4	
m&p-Xylene	<20.0	ug/L	40.0	20.0	20		05/06/16 07:46	179601-23-1	
o-Xylene	<10.0	ug/L	20.0	10.0	20		05/06/16 07:46	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		20		05/06/16 07:46	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		20		05/06/16 07:46	1868-53-7	
Toluene-d8 (S)	99	%	70-130		20		05/06/16 07:46	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS  
Pace Project No.: 40131689

**Sample: PZ1**      **Lab ID: 40131689013**      Collected: 04/28/16 15:00      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/05/16 19:09	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/05/16 19:09	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/05/16 19:09	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 19:09	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/05/16 19:09	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/05/16 19:09	75-00-3	
Chloroform	4.6J	ug/L	5.0	2.5	1		05/05/16 19:09	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/05/16 19:09	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/05/16 19:09	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/05/16 19:09	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/05/16 19:09	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/05/16 19:09	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/05/16 19:09	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/05/16 19:09	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/05/16 19:09	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 19:09	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/05/16 19:09	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/05/16 19:09	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/05/16 19:09	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/05/16 19:09	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/05/16 19:09	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/05/16 19:09	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/05/16 19:09	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/05/16 19:09	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/05/16 19:09	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/05/16 19:09	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/05/16 19:09	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

**Sample: PZ1**      **Lab ID: 40131689013**      Collected: 04/28/16 15:00      Received: 05/03/16 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/05/16 19:09	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/05/16 19:09	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/05/16 19:09	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/05/16 19:09	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/05/16 19:09	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/05/16 19:09	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/05/16 19:09	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/05/16 19:09	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/05/16 19:09	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/05/16 19:09	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/05/16 19:09	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/05/16 19:09	2037-26-5	

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

QC Batch: MSV/33283 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
 Associated Lab Samples: 40131689001, 40131689002, 40131689003, 40131689004, 40131689005, 40131689006, 40131689007,  
 40131689008, 40131689009, 40131689010, 40131689011, 40131689012, 40131689013

METHOD BLANK: 1329556 Matrix: Water  
 Associated Lab Samples: 40131689001, 40131689002, 40131689003, 40131689004, 40131689005, 40131689006, 40131689007,  
 40131689008, 40131689009, 40131689010, 40131689011, 40131689012, 40131689013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/05/16 13:22	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/05/16 13:22	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/05/16 13:22	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/05/16 13:22	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/05/16 13:22	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/05/16 13:22	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/05/16 13:22	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/05/16 13:22	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/05/16 13:22	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/05/16 13:22	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/05/16 13:22	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/05/16 13:22	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/05/16 13:22	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/05/16 13:22	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/05/16 13:22	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/05/16 13:22	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/05/16 13:22	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/05/16 13:22	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/05/16 13:22	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/05/16 13:22	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/05/16 13:22	
2-Chlorotoluene	ug/L	<0.50	1.0	05/05/16 13:22	
4-Chlorotoluene	ug/L	<0.21	1.0	05/05/16 13:22	
Benzene	ug/L	<0.50	1.0	05/05/16 13:22	
Bromobenzene	ug/L	<0.23	1.0	05/05/16 13:22	
Bromochloromethane	ug/L	<0.34	1.0	05/05/16 13:22	
Bromodichloromethane	ug/L	<0.50	1.0	05/05/16 13:22	
Bromoform	ug/L	<0.50	1.0	05/05/16 13:22	
Bromomethane	ug/L	<2.4	5.0	05/05/16 13:22	
Carbon tetrachloride	ug/L	<0.50	1.0	05/05/16 13:22	
Chlorobenzene	ug/L	<0.50	1.0	05/05/16 13:22	
Chloroethane	ug/L	<0.37	1.0	05/05/16 13:22	
Chloroform	ug/L	<2.5	5.0	05/05/16 13:22	
Chloromethane	ug/L	0.52J	1.0	05/05/16 13:22	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/05/16 13:22	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/05/16 13:22	
Dibromochloromethane	ug/L	<0.50	1.0	05/05/16 13:22	
Dibromomethane	ug/L	<0.43	1.0	05/05/16 13:22	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/05/16 13:22	
Diisopropyl ether	ug/L	<0.50	1.0	05/05/16 13:22	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

METHOD BLANK: 1329556

Matrix: Water

Associated Lab Samples: 40131689001, 40131689002, 40131689003, 40131689004, 40131689005, 40131689006, 40131689007, 40131689008, 40131689009, 40131689010, 40131689011, 40131689012, 40131689013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	05/05/16 13:22	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/05/16 13:22	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/05/16 13:22	
m&p-Xylene	ug/L	<1.0	2.0	05/05/16 13:22	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/05/16 13:22	
Methylene Chloride	ug/L	<0.23	1.0	05/05/16 13:22	
n-Butylbenzene	ug/L	<0.50	1.0	05/05/16 13:22	
n-Propylbenzene	ug/L	<0.50	1.0	05/05/16 13:22	
Naphthalene	ug/L	<2.5	5.0	05/05/16 13:22	
o-Xylene	ug/L	<0.50	1.0	05/05/16 13:22	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/05/16 13:22	
sec-Butylbenzene	ug/L	<2.2	5.0	05/05/16 13:22	
Styrene	ug/L	<0.50	1.0	05/05/16 13:22	
tert-Butylbenzene	ug/L	<0.18	1.0	05/05/16 13:22	
Tetrachloroethene	ug/L	<0.50	1.0	05/05/16 13:22	
Toluene	ug/L	<0.50	1.0	05/05/16 13:22	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/05/16 13:22	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/05/16 13:22	
Trichloroethene	ug/L	<0.33	1.0	05/05/16 13:22	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/05/16 13:22	
Vinyl chloride	ug/L	<0.18	1.0	05/05/16 13:22	
4-Bromofluorobenzene (S)	%	98	70-130	05/05/16 13:22	
Dibromofluoromethane (S)	%	99	70-130	05/05/16 13:22	
Toluene-d8 (S)	%	99	70-130	05/05/16 13:22	

LABORATORY CONTROL SAMPLE: 1329557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.9	96	70-131	
1,1,2,2-Tetrachloroethane	ug/L	50	46.3	93	67-130	
1,1,2-Trichloroethane	ug/L	50	46.8	94	70-130	
1,1-Dichloroethane	ug/L	50	46.6	93	70-133	
1,1-Dichloroethene	ug/L	50	43.7	87	70-130	
1,2,4-Trichlorobenzene	ug/L	50	48.1	96	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.3	89	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	47.6	95	70-130	
1,2-Dichlorobenzene	ug/L	50	49.8	100	70-130	
1,2-Dichloroethane	ug/L	50	46.1	92	70-130	
1,2-Dichloropropane	ug/L	50	47.5	95	70-130	
1,3-Dichlorobenzene	ug/L	50	48.6	97	70-130	
1,4-Dichlorobenzene	ug/L	50	47.5	95	70-130	
Benzene	ug/L	50	49.9	100	60-135	
Bromodichloromethane	ug/L	50	47.3	95	70-130	

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

LABORATORY CONTROL SAMPLE: 1329557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	47.5	95	70-130	
Bromomethane	ug/L	50	41.3	83	33-130	
Carbon tetrachloride	ug/L	50	50.0	100	70-138	
Chlorobenzene	ug/L	50	48.3	97	70-130	
Chloroethane	ug/L	50	42.7	85	51-130	
Chloroform	ug/L	50	45.7	91	70-130	
Chloromethane	ug/L	50	30.8	62	25-132	
cis-1,2-Dichloroethene	ug/L	50	44.7	89	69-130	
cis-1,3-Dichloropropene	ug/L	50	44.7	89	70-130	
Dibromochloromethane	ug/L	50	48.8	98	70-130	
Dichlorodifluoromethane	ug/L	50	20.4	41	23-130	
Ethylbenzene	ug/L	50	50.1	100	70-136	
Isopropylbenzene (Cumene)	ug/L	50	52.0	104	70-140	
m&p-Xylene	ug/L	100	102	102	70-138	
Methyl-tert-butyl ether	ug/L	50	47.2	94	66-138	
Methylene Chloride	ug/L	50	45.3	91	70-130	
o-Xylene	ug/L	50	50.5	101	70-134	
Styrene	ug/L	50	50.6	101	70-133	
Tetrachloroethene	ug/L	50	48.7	97	70-138	
Toluene	ug/L	50	49.1	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.3	91	70-131	
trans-1,3-Dichloropropene	ug/L	50	45.2	90	69-130	
Trichloroethene	ug/L	50	48.1	96	70-130	
Trichlorofluoromethane	ug/L	50	42.9	86	50-150	
Vinyl chloride	ug/L	50	40.0	80	49-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1330804 1330805

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40131689007 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<0.50	50	50	51.3	51.1	103	102	70-134	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	48.9	47.8	98	96	67-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	48.5	49.0	97	98	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	52.2	52.3	104	105	70-134	0	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	49.6	49.2	99	98	68-136	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	49.2	48.5	98	97	62-139	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	47.1	44.7	94	89	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	51.0	50.3	102	101	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.3	51.0	103	102	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	49.3	50.1	99	100	70-130	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	50.8	49.5	102	99	70-130	3	20	

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

Parameter	Units	40131689007		1330804		1330805		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.5	49.4	101	99	70-131	2	20		
1,4-Dichlorobenzene	ug/L	<0.50	50	50	49.1	48.9	98	98	70-130	0	20		
Benzene	ug/L	<0.50	50	50	47.4	50.5	95	101	57-138	6	20		
Bromodichloromethane	ug/L	<0.50	50	50	50.9	49.0	102	98	70-130	4	20		
Bromoform	ug/L	<0.50	50	50	49.3	49.4	99	99	70-130	0	20		
Bromomethane	ug/L	<2.4	50	50	48.1	50.8	96	102	33-130	6	27		
Carbon tetrachloride	ug/L	<0.50	50	50	52.2	52.8	104	106	70-138	1	20		
Chlorobenzene	ug/L	<0.50	50	50	49.3	49.7	99	99	70-130	1	20		
Chloroethane	ug/L	<0.37	50	50	46.8	47.9	94	96	51-130	2	20		
Chloroform	ug/L	<2.5	50	50	50.2	50.1	100	100	70-130	0	20		
Chloromethane	ug/L	<0.50	50	50	35.2	35.1	70	70	25-132	0	20		
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	50.2	49.6	100	99	61-140	1	20		
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	48.6	46.8	97	94	70-130	4	20		
Dibromochloromethane	ug/L	<0.50	50	50	50.5	50.5	101	101	70-130	0	20		
Dichlorodifluoromethane	ug/L	<0.22	50	50	22.3	21.7	45	43	23-130	3	20		
Ethylbenzene	ug/L	<0.50	50	50	51.4	51.5	103	103	70-138	0	20		
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	53.5	53.9	107	108	70-152	1	20		
m&p-Xylene	ug/L	<1.0	100	100	104	105	104	105	70-140	1	20		
Methyl-tert-butyl ether	ug/L	<0.17	50	50	53.7	53.5	107	107	66-139	0	20		
Methylene Chloride	ug/L	<0.23	50	50	50.5	51.2	101	102	70-130	1	20		
o-Xylene	ug/L	<0.50	50	50	52.0	53.0	104	106	70-134	2	20		
Styrene	ug/L	<0.50	50	50	52.1	52.6	104	105	70-138	1	20		
Tetrachloroethene	ug/L	<0.50	50	50	49.0	49.7	98	99	70-148	1	20		
Toluene	ug/L	<0.50	50	50	50.8	51.2	102	102	70-130	1	20		
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	50.4	50.6	101	101	70-133	0	20		
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	47.0	47.6	94	95	69-130	1	20		
Trichloroethene	ug/L	<0.33	50	50	50.1	49.3	100	99	70-131	2	20		
Trichlorofluoromethane	ug/L	<0.18	50	50	48.1	48.2	96	96	50-150	0	20		
Vinyl chloride	ug/L	<0.18	50	50	44.6	44.1	89	88	49-133	1	20		
4-Bromofluorobenzene (S)	%						98	100	70-130				
Dibromofluoromethane (S)	%						101	100	70-130				
Toluene-d8 (S)	%						99	100	70-130				

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

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### 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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40131689

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40131689001	CPZ7	EPA 8260	MSV/33283		
40131689002	CPZ8	EPA 8260	MSV/33283		
40131689003	CPZ4R	EPA 8260	MSV/33283		
40131689004	MW2R	EPA 8260	MSV/33283		
40131689005	CPZ6	EPA 8260	MSV/33283		
40131689006	MW-WR1	EPA 8260	MSV/33283		
40131689007	PZ-WR3	EPA 8260	MSV/33283		
40131689008	CPZ2	EPA 8260	MSV/33283		
40131689009	CPZ1	EPA 8260	MSV/33283		
40131689010	CPZ5	EPA 8260	MSV/33283		
40131689011	CPZ3	EPA 8260	MSV/33283		
40131689012	PZ-WR2	EPA 8260	MSV/33283		
40131689013	PZ1	EPA 8260	MSV/33283		

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CHAIN OF CUSTODY

Preservation Codes: A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Table with columns: Quote #, Mail To Contact, Mail To Company, Mail To Address, Invoice To Contact, Invoice To Company, Invoice To Address, Invoice To Phone, CLIENT COMMENTS, LAB COMMENTS (Lab Use Only), Profile #

Table with columns: Y/N, Filtered?, Preservation (Code), Matrix, Date, Time, Matrix

Company Name: RET, Branch/Location: Wausau, Project Contact: Andy DeForge, Project Number: 1933, Project Name: Warmington Dry Cleaners, Project State: WI, Sampled By (Print): Scott J Blado, Sampled By (Sign): Scott J Blado

Table with columns: PACE LAB #, CLIENT FIELD ID, DATE, TIME, MATRIX

Regulatory Program: OPAF, Data Package Options, Rush Turnaround Time Requested - Prelims, Date Needed, Transmit Prelim Rush Results By, Relinquished By, Received By, Sample Receipt pH, Cooler Custody Seal Present / Not Present

Pace Analytical

Project #

WO#: 40131689

Client Name: REI

Courier:  Fed Ex  UPS  Client  Pace  Other: Waltco

Tracking #: 1046858-1



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 NA Type of Ice:  Wet  Blue  Dry  None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: \_\_\_\_\_ /Corr: ROI Biological Tissue is Frozen:  yes

Temp Blank Present:  yes  no  no

Person examining contents:

Date: 5/3/16

Initials: BO

Temp should be above freezing to 6°C for all sample except Biota.

Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: <u>VOA</u> coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: \_\_\_\_\_

Date: 5-3-16

July 11, 2017

Andy Delforge  
REI  
4080 North 20th Avenue  
Wausau, WI 54401

RE: Project: 1933B NORMINGTON  
Pace Project No.: 40152864

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on July 07, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1933B NORMINGTON

Pace Project No.: 40152864

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152864001	MWWR1	Water	07/05/17 13:00	07/07/17 08:45
40152864002	MW2R	Water	07/05/17 14:40	07/07/17 08:45
40152864003	PZ1	Water	07/05/17 14:20	07/07/17 08:45
40152864004	PZWR2	Water	07/05/17 16:20	07/07/17 08:45
40152864005	PZWR3	Water	07/05/17 13:40	07/07/17 08:45
40152864006	CPZ1	Water	07/05/17 14:00	07/07/17 08:45
40152864007	CPZ2	Water	07/05/17 12:00	07/07/17 08:45
40152864008	CPZ3	Water	07/05/17 13:20	07/07/17 08:45
40152864009	CPZ4R	Water	07/05/17 15:40	07/07/17 08:45
40152864010	CPZ5	Water	07/05/17 15:20	07/07/17 08:45
40152864011	CPZ6	Water	07/05/17 11:40	07/07/17 08:45
40152864012	CPZ7	Water	07/05/17 15:00	07/07/17 08:45
40152864013	CPZ8	Water	07/05/17 16:00	07/07/17 08:45
40152864014	CPZ9	Water	07/05/17 11:10	07/07/17 08:45
40152864015	CPZ10	Water	07/05/17 10:50	07/07/17 08:45
40152864016	CPZ11	Water	07/05/17 10:20	07/07/17 08:45

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### SAMPLE ANALYTE COUNT

Project: 1933B NORMINGTON  
Pace Project No.: 40152864

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152864001	MWWR1	EPA 8260	MDS	64	PASI-G
40152864002	MW2R	EPA 8260	MDS	64	PASI-G
40152864003	PZ1	EPA 8260	MDS	64	PASI-G
40152864004	PZWR2	EPA 8260	MDS	64	PASI-G
40152864005	PZWR3	EPA 8260	MDS	64	PASI-G
40152864006	CPZ1	EPA 8260	MDS	64	PASI-G
40152864007	CPZ2	EPA 8260	MDS	64	PASI-G
40152864008	CPZ3	EPA 8260	MDS	64	PASI-G
40152864009	CPZ4R	EPA 8260	MDS	64	PASI-G
40152864010	CPZ5	EPA 8260	MDS	64	PASI-G
40152864011	CPZ6	EPA 8260	MDS	64	PASI-G
40152864012	CPZ7	EPA 8260	MDS	64	PASI-G
40152864013	CPZ8	EPA 8260	MDS	64	PASI-G
40152864014	CPZ9	EPA 8260	MDS	64	PASI-G
40152864015	CPZ10	EPA 8260	MDS	64	PASI-G
40152864016	CPZ11	EPA 8260	MDS	64	PASI-G

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

Sample: **MWWR1** Lab ID: **40152864001** Collected: 07/05/17 13:00 Received: 07/07/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 17:10	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 17:10	74-97-5	
Bromodichloromethane	3.2	ug/L	1.0	0.50	1		07/10/17 17:10	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 17:10	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 17:10	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 17:10	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 17:10	75-00-3	
Chloroform	37.1	ug/L	5.0	2.5	1		07/10/17 17:10	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 17:10	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 17:10	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 17:10	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 17:10	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 17:10	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 17:10	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 17:10	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 17:10	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 17:10	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 17:10	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 17:10	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 17:10	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 17:10	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 17:10	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 17:10	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 17:10	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 17:10	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 17:10	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 17:10	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 17:10	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: MWWR1**      **Lab ID: 40152864001**      Collected: 07/05/17 13:00      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 17:10	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 17:10	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 17:10	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 17:10	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/10/17 17:10	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 17:10	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 17:10	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 17:10	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:10	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	61-130		1		07/10/17 17:10	460-00-4	
Dibromofluoromethane (S)	106	%	67-130		1		07/10/17 17:10	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/10/17 17:10	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: MW2R**      **Lab ID: 40152864002**      Collected: 07/05/17 14:40      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 17:32	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 17:32	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 17:32	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 17:32	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 17:32	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 17:32	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 17:32	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 17:32	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 17:32	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 17:32	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 17:32	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 17:32	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 17:32	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 17:32	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 17:32	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 17:32	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 17:32	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 17:32	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 17:32	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 17:32	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 17:32	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 17:32	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 17:32	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 17:32	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 17:32	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 17:32	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 17:32	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: MW2R**      **Lab ID: 40152864002**      Collected: 07/05/17 14:40      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 17:32	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 17:32	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 17:32	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 17:32	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/10/17 17:32	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 17:32	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 17:32	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 17:32	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:32	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	61-130		1		07/10/17 17:32	460-00-4	
Dibromofluoromethane (S)	107	%	67-130		1		07/10/17 17:32	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/10/17 17:32	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: PZ1** Lab ID: **40152864003** Collected: 07/05/17 14:20 Received: 07/07/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 17:54	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 17:54	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 17:54	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 17:54	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 17:54	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 17:54	75-00-3	
Chloroform	5.4	ug/L	5.0	2.5	1		07/10/17 17:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 17:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 17:54	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 17:54	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 17:54	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 17:54	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 17:54	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 17:54	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 17:54	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 17:54	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 17:54	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 17:54	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 17:54	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 17:54	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 17:54	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 17:54	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 17:54	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 17:54	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 17:54	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 17:54	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 17:54	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: PZ1**      **Lab ID: 40152864003**      Collected: 07/05/17 14:20      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 17:54	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 17:54	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 17:54	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 17:54	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/10/17 17:54	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 17:54	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 17:54	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 17:54	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 17:54	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	61-130		1		07/10/17 17:54	460-00-4	
Dibromofluoromethane (S)	102	%	67-130		1		07/10/17 17:54	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/10/17 17:54	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: PZWR2**      **Lab ID: 40152864004**      Collected: 07/05/17 16:20      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Benzene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		07/10/17 12:20	108-86-1	
Bromochloromethane	<1.7	ug/L	5.0	1.7	5		07/10/17 12:20	74-97-5	
Bromodichloromethane	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	75-27-4	
Bromoform	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	75-25-2	
Bromomethane	<12.2	ug/L	25.0	12.2	5		07/10/17 12:20	74-83-9	
n-Butylbenzene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	104-51-8	
sec-Butylbenzene	<10.9	ug/L	25.0	10.9	5		07/10/17 12:20	135-98-8	
tert-Butylbenzene	<0.90	ug/L	5.0	0.90	5		07/10/17 12:20	98-06-6	
Carbon tetrachloride	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	56-23-5	
Chlorobenzene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	108-90-7	
Chloroethane	<1.9	ug/L	5.0	1.9	5		07/10/17 12:20	75-00-3	
Chloroform	<12.5	ug/L	25.0	12.5	5		07/10/17 12:20	67-66-3	
Chloromethane	3.6J	ug/L	5.0	2.5	5		07/10/17 12:20	74-87-3	
2-Chlorotoluene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	95-49-8	
4-Chlorotoluene	<1.1	ug/L	5.0	1.1	5		07/10/17 12:20	106-43-4	
1,2-Dibromo-3-chloropropane	<10.8	ug/L	25.0	10.8	5		07/10/17 12:20	96-12-8	
Dibromochloromethane	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.89	ug/L	5.0	0.89	5		07/10/17 12:20	106-93-4	
Dibromomethane	<2.1	ug/L	5.0	2.1	5		07/10/17 12:20	74-95-3	
1,2-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	95-50-1	
1,3-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	541-73-1	
1,4-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	106-46-7	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		07/10/17 12:20	75-71-8	
1,1-Dichloroethane	<1.2	ug/L	5.0	1.2	5		07/10/17 12:20	75-34-3	
1,2-Dichloroethane	<0.84	ug/L	5.0	0.84	5		07/10/17 12:20	107-06-2	
1,1-Dichloroethene	<2.1	ug/L	5.0	2.1	5		07/10/17 12:20	75-35-4	
cis-1,2-Dichloroethene	<1.3	ug/L	5.0	1.3	5		07/10/17 12:20	156-59-2	
trans-1,2-Dichloroethene	<1.3	ug/L	5.0	1.3	5		07/10/17 12:20	156-60-5	
1,2-Dichloropropane	<1.2	ug/L	5.0	1.2	5		07/10/17 12:20	78-87-5	
1,3-Dichloropropane	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	142-28-9	
2,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		07/10/17 12:20	594-20-7	
1,1-Dichloropropene	<2.2	ug/L	5.0	2.2	5		07/10/17 12:20	563-58-6	
cis-1,3-Dichloropropene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	10061-01-5	
trans-1,3-Dichloropropene	<1.1	ug/L	5.0	1.1	5		07/10/17 12:20	10061-02-6	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	108-20-3	
Ethylbenzene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	100-41-4	
Hexachloro-1,3-butadiene	<10.5	ug/L	25.0	10.5	5		07/10/17 12:20	87-68-3	
Isopropylbenzene (Cumene)	<0.72	ug/L	5.0	0.72	5		07/10/17 12:20	98-82-8	
p-Isopropyltoluene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	99-87-6	
Methylene Chloride	<1.2	ug/L	5.0	1.2	5		07/10/17 12:20	75-09-2	
Methyl-tert-butyl ether	<0.87	ug/L	5.0	0.87	5		07/10/17 12:20	1634-04-4	
Naphthalene	<12.5	ug/L	25.0	12.5	5		07/10/17 12:20	91-20-3	
n-Propylbenzene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	103-65-1	
Styrene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.90	ug/L	5.0	0.90	5		07/10/17 12:20	630-20-6	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: PZWR2**      **Lab ID: 40152864004**      Collected: 07/05/17 16:20      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<1.2	ug/L	5.0	1.2	5		07/10/17 12:20	79-34-5	
Tetrachloroethene	543	ug/L	5.0	2.5	5		07/10/17 12:20	127-18-4	
Toluene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	108-88-3	
1,2,3-Trichlorobenzene	<10.7	ug/L	25.0	10.7	5		07/10/17 12:20	87-61-6	
1,2,4-Trichlorobenzene	<11.0	ug/L	25.0	11.0	5		07/10/17 12:20	120-82-1	
1,1,1-Trichloroethane	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	71-55-6	
1,1,2-Trichloroethane	<0.99	ug/L	5.0	0.99	5		07/10/17 12:20	79-00-5	
Trichloroethene	<1.7	ug/L	5.0	1.7	5		07/10/17 12:20	79-01-6	
Trichlorofluoromethane	<0.92	ug/L	5.0	0.92	5		07/10/17 12:20	75-69-4	
1,2,3-Trichloropropane	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	96-18-4	
1,2,4-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	108-67-8	
Vinyl chloride	<0.88	ug/L	5.0	0.88	5		07/10/17 12:20	75-01-4	
m&p-Xylene	<5.0	ug/L	10.0	5.0	5		07/10/17 12:20	179601-23-1	
o-Xylene	<2.5	ug/L	5.0	2.5	5		07/10/17 12:20	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	61-130		5		07/10/17 12:20	460-00-4	
Dibromofluoromethane (S)	108	%	67-130		5		07/10/17 12:20	1868-53-7	
Toluene-d8 (S)	95	%	70-130		5		07/10/17 12:20	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: PZWR3** Lab ID: **40152864005** Collected: 07/05/17 13:40 Received: 07/07/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 12:42	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 12:42	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 12:42	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 12:42	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 12:42	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 12:42	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 12:42	67-66-3	
Chloromethane	0.60J	ug/L	1.0	0.50	1		07/10/17 12:42	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 12:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 12:42	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 12:42	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 12:42	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 12:42	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 12:42	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 12:42	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 12:42	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 12:42	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 12:42	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 12:42	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 12:42	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 12:42	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 12:42	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 12:42	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 12:42	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 12:42	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 12:42	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 12:42	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 12:42	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: PZWR3**      **Lab ID: 40152864005**      Collected: 07/05/17 13:40      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 12:42	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 12:42	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 12:42	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 12:42	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/10/17 12:42	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 12:42	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 12:42	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 12:42	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 12:42	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	61-130		1		07/10/17 12:42	460-00-4	
Dibromofluoromethane (S)	106	%	67-130		1		07/10/17 12:42	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/10/17 12:42	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

Sample: CPZ1 Lab ID: 40152864006 Collected: 07/05/17 14:00 Received: 07/07/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 13:04	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 13:04	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 13:04	74-83-9	R1
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 13:04	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 13:04	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 13:04	75-00-3	
Chloroform	4.3J	ug/L	5.0	2.5	1		07/10/17 13:04	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 13:04	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 13:04	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 13:04	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 13:04	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 13:04	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 13:04	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 13:04	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 13:04	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 13:04	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 13:04	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 13:04	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 13:04	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 13:04	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 13:04	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 13:04	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 13:04	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 13:04	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 13:04	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 13:04	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 13:04	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ1**      **Lab ID: 40152864006**      Collected: 07/05/17 14:00      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 13:04	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 13:04	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 13:04	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 13:04	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/10/17 13:04	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 13:04	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 13:04	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 13:04	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:04	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	61-130		1		07/10/17 13:04	460-00-4	
Dibromofluoromethane (S)	106	%	67-130		1		07/10/17 13:04	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/10/17 13:04	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ2**      **Lab ID: 40152864007**      Collected: 07/05/17 12:00      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 13:27	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 13:27	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 13:27	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 13:27	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 13:27	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 13:27	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 13:27	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 13:27	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 13:27	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 13:27	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 13:27	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 13:27	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 13:27	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 13:27	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 13:27	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 13:27	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 13:27	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 13:27	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 13:27	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 13:27	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 13:27	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 13:27	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 13:27	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 13:27	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 13:27	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 13:27	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 13:27	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ2**      **Lab ID: 40152864007**      Collected: 07/05/17 12:00      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 13:27	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 13:27	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 13:27	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 13:27	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/10/17 13:27	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 13:27	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 13:27	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 13:27	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:27	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	61-130		1		07/10/17 13:27	460-00-4	
Dibromofluoromethane (S)	106	%	67-130		1		07/10/17 13:27	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/10/17 13:27	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ3**      **Lab ID: 40152864008**      Collected: 07/05/17 13:20      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 13:49	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 13:49	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 13:49	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 13:49	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 13:49	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 13:49	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 13:49	67-66-3	
Chloromethane	0.66J	ug/L	1.0	0.50	1		07/10/17 13:49	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 13:49	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 13:49	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 13:49	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 13:49	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 13:49	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 13:49	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 13:49	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 13:49	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 13:49	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 13:49	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 13:49	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 13:49	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 13:49	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 13:49	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 13:49	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 13:49	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 13:49	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 13:49	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 13:49	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 13:49	630-20-6	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ3**      **Lab ID: 40152864008**      Collected: 07/05/17 13:20      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 13:49	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 13:49	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 13:49	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 13:49	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/10/17 13:49	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 13:49	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 13:49	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 13:49	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 13:49	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	61-130		1		07/10/17 13:49	460-00-4	
Dibromofluoromethane (S)	108	%	67-130		1		07/10/17 13:49	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/10/17 13:49	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ4R**      **Lab ID: 40152864009**      Collected: 07/05/17 15:40      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 14:11	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 14:11	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 14:11	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 14:11	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 14:11	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 14:11	75-00-3	
Chloroform	2.8J	ug/L	5.0	2.5	1		07/10/17 14:11	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 14:11	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 14:11	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 14:11	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 14:11	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 14:11	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 14:11	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 14:11	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 14:11	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 14:11	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 14:11	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 14:11	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 14:11	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 14:11	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 14:11	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 14:11	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 14:11	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 14:11	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 14:11	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 14:11	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 14:11	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ4R**      **Lab ID: 40152864009**      Collected: 07/05/17 15:40      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 14:11	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 14:11	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 14:11	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 14:11	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/10/17 14:11	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 14:11	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 14:11	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 14:11	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:11	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	61-130		1		07/10/17 14:11	460-00-4	
Dibromofluoromethane (S)	107	%	67-130		1		07/10/17 14:11	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/10/17 14:11	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ5**      **Lab ID: 40152864010**      Collected: 07/05/17 15:20      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 14:33	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 14:33	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 14:33	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 14:33	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 14:33	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 14:33	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 14:33	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 14:33	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 14:33	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 14:33	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 14:33	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 14:33	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 14:33	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 14:33	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 14:33	75-35-4	
cis-1,2-Dichloroethene	1.1	ug/L	1.0	0.26	1		07/10/17 14:33	156-59-2	
trans-1,2-Dichloroethene	1.4	ug/L	1.0	0.26	1		07/10/17 14:33	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 14:33	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 14:33	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 14:33	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 14:33	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 14:33	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 14:33	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 14:33	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 14:33	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 14:33	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 14:33	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ5**      **Lab ID: 40152864010**      Collected: 07/05/17 15:20      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 14:33	79-34-5	
Tetrachloroethene	93.5	ug/L	1.0	0.50	1		07/10/17 14:33	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 14:33	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 14:33	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 14:33	79-00-5	
Trichloroethene	60.4	ug/L	1.0	0.33	1		07/10/17 14:33	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 14:33	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 14:33	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 14:33	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:33	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	61-130		1		07/10/17 14:33	460-00-4	
Dibromofluoromethane (S)	108	%	67-130		1		07/10/17 14:33	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/10/17 14:33	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ6**      **Lab ID: 40152864011**      Collected: 07/05/17 11:40      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 14:56	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 14:56	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 14:56	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 14:56	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 14:56	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 14:56	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 14:56	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 14:56	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 14:56	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 14:56	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 14:56	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 14:56	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 14:56	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 14:56	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 14:56	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 14:56	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 14:56	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 14:56	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 14:56	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 14:56	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 14:56	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 14:56	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 14:56	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 14:56	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 14:56	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 14:56	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 14:56	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ6**      **Lab ID: 40152864011**      Collected: 07/05/17 11:40      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 14:56	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 14:56	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 14:56	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 14:56	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/10/17 14:56	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 14:56	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 14:56	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 14:56	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 14:56	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	61-130		1		07/10/17 14:56	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		07/10/17 14:56	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		07/10/17 14:56	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ7**      **Lab ID: 40152864012**      Collected: 07/05/17 15:00      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 15:18	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 15:18	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 15:18	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 15:18	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 15:18	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 15:18	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 15:18	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 15:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 15:18	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 15:18	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 15:18	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 15:18	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 15:18	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 15:18	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 15:18	75-35-4	
cis-1,2-Dichloroethene	2.9	ug/L	1.0	0.26	1		07/10/17 15:18	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 15:18	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 15:18	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 15:18	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 15:18	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 15:18	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 15:18	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 15:18	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 15:18	75-09-2	
Methyl-tert-butyl ether	1.3	ug/L	1.0	0.17	1		07/10/17 15:18	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 15:18	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 15:18	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ7**      **Lab ID: 40152864012**      Collected: 07/05/17 15:00      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 15:18	79-34-5	
Tetrachloroethene	3.7	ug/L	1.0	0.50	1		07/10/17 15:18	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 15:18	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 15:18	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 15:18	79-00-5	
Trichloroethene	10.7	ug/L	1.0	0.33	1		07/10/17 15:18	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 15:18	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 15:18	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 15:18	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:18	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	61-130		1		07/10/17 15:18	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		07/10/17 15:18	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		07/10/17 15:18	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ8**      **Lab ID: 40152864013**      Collected: 07/05/17 16:00      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 15:40	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 15:40	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 15:40	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 15:40	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 15:40	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 15:40	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 15:40	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 15:40	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 15:40	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 15:40	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 15:40	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 15:40	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 15:40	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 15:40	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 15:40	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 15:40	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 15:40	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 15:40	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 15:40	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 15:40	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 15:40	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 15:40	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 15:40	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 15:40	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 15:40	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 15:40	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 15:40	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ8**      **Lab ID: 40152864013**      Collected: 07/05/17 16:00      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 15:40	79-34-5	
Tetrachloroethene	29.8	ug/L	1.0	0.50	1		07/10/17 15:40	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 15:40	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 15:40	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 15:40	79-00-5	
Trichloroethene	4.6	ug/L	1.0	0.33	1		07/10/17 15:40	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 15:40	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 15:40	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 15:40	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 15:40	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	61-130		1		07/10/17 15:40	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		1		07/10/17 15:40	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/10/17 15:40	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ9**      **Lab ID: 40152864014**      Collected: 07/05/17 11:10      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 16:03	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 16:03	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 16:03	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 16:03	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 16:03	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 16:03	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 16:03	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 16:03	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 16:03	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 16:03	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 16:03	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 16:03	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 16:03	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 16:03	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 16:03	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 16:03	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 16:03	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 16:03	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 16:03	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 16:03	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 16:03	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 16:03	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 16:03	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 16:03	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 16:03	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 16:03	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 16:03	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ9**      **Lab ID: 40152864014**      Collected: 07/05/17 11:10      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 16:03	79-34-5	
Tetrachloroethene	1.9	ug/L	1.0	0.50	1		07/10/17 16:03	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 16:03	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 16:03	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 16:03	79-00-5	
Trichloroethene	0.49J	ug/L	1.0	0.33	1		07/10/17 16:03	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 16:03	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 16:03	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 16:03	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:03	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	61-130		1		07/10/17 16:03	460-00-4	
Dibromofluoromethane (S)	106	%	67-130		1		07/10/17 16:03	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		07/10/17 16:03	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ10**      **Lab ID: 40152864015**      Collected: 07/05/17 10:50      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 16:25	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 16:25	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 16:25	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 16:25	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 16:25	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 16:25	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 16:25	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 16:25	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 16:25	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 16:25	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 16:25	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 16:25	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 16:25	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 16:25	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 16:25	75-35-4	
cis-1,2-Dichloroethene	0.48J	ug/L	1.0	0.26	1		07/10/17 16:25	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 16:25	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 16:25	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 16:25	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 16:25	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 16:25	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 16:25	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/10/17 16:25	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 16:25	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/10/17 16:25	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 16:25	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 16:25	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ10**      **Lab ID: 40152864015**      Collected: 07/05/17 10:50      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 16:25	79-34-5	
Tetrachloroethene	12.5	ug/L	1.0	0.50	1		07/10/17 16:25	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 16:25	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 16:25	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 16:25	79-00-5	
Trichloroethene	14.6	ug/L	1.0	0.33	1		07/10/17 16:25	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 16:25	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 16:25	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 16:25	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:25	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	61-130		1		07/10/17 16:25	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		1		07/10/17 16:25	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		07/10/17 16:25	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ11**      **Lab ID: 40152864016**      Collected: 07/05/17 10:20      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	0.55J	ug/L	1.0	0.50	1		07/10/17 16:48	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/10/17 16:48	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/10/17 16:48	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/10/17 16:48	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 16:48	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/10/17 16:48	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/10/17 16:48	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/10/17 16:48	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/10/17 16:48	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/10/17 16:48	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/10/17 16:48	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/10/17 16:48	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/10/17 16:48	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/10/17 16:48	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/10/17 16:48	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/10/17 16:48	75-35-4	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.26	1		07/10/17 16:48	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/10/17 16:48	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/10/17 16:48	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/10/17 16:48	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/10/17 16:48	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/10/17 16:48	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/10/17 16:48	87-68-3	
Isopropylbenzene (Cumene)	0.30J	ug/L	1.0	0.14	1		07/10/17 16:48	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/10/17 16:48	75-09-2	
Methyl-tert-butyl ether	3.1	ug/L	1.0	0.17	1		07/10/17 16:48	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/10/17 16:48	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/10/17 16:48	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

**Sample: CPZ11**      **Lab ID: 40152864016**      Collected: 07/05/17 10:20      Received: 07/07/17 08:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/17 16:48	79-34-5	
Tetrachloroethene	14.3	ug/L	1.0	0.50	1		07/10/17 16:48	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/17 16:48	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/17 16:48	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/17 16:48	79-00-5	
Trichloroethene	17.8	ug/L	1.0	0.33	1		07/10/17 16:48	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/17 16:48	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/17 16:48	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/17 16:48	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/17 16:48	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	61-130		1		07/10/17 16:48	460-00-4	
Dibromofluoromethane (S)	107	%	67-130		1		07/10/17 16:48	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/10/17 16:48	2037-26-5	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40152864

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QC Batch:	260955	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	40152864001, 40152864002, 40152864003, 40152864004, 40152864005, 40152864006, 40152864007, 40152864008, 40152864009, 40152864010, 40152864011, 40152864012, 40152864013, 40152864014, 40152864015, 40152864016		

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METHOD BLANK: 1537180 Matrix: Water

Associated Lab Samples: 40152864001, 40152864002, 40152864003, 40152864004, 40152864005, 40152864006, 40152864007, 40152864008, 40152864009, 40152864010, 40152864011, 40152864012, 40152864013, 40152864014, 40152864015, 40152864016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	07/10/17 10:21	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	07/10/17 10:21	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	07/10/17 10:21	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	07/10/17 10:21	
1,1-Dichloroethane	ug/L	<0.24	1.0	07/10/17 10:21	
1,1-Dichloroethane	ug/L	<0.41	1.0	07/10/17 10:21	
1,1-Dichloropropene	ug/L	<0.44	1.0	07/10/17 10:21	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	07/10/17 10:21	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	07/10/17 10:21	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	07/10/17 10:21	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	07/10/17 10:21	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	07/10/17 10:21	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	07/10/17 10:21	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	07/10/17 10:21	
1,2-Dichloroethane	ug/L	<0.17	1.0	07/10/17 10:21	
1,2-Dichloropropane	ug/L	<0.23	1.0	07/10/17 10:21	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	07/10/17 10:21	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	07/10/17 10:21	
1,3-Dichloropropane	ug/L	<0.50	1.0	07/10/17 10:21	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	07/10/17 10:21	
2,2-Dichloropropane	ug/L	<0.48	1.0	07/10/17 10:21	
2-Chlorotoluene	ug/L	<0.50	1.0	07/10/17 10:21	
4-Chlorotoluene	ug/L	<0.21	1.0	07/10/17 10:21	
Benzene	ug/L	<0.50	1.0	07/10/17 10:21	
Bromobenzene	ug/L	<0.23	1.0	07/10/17 10:21	
Bromochloromethane	ug/L	<0.34	1.0	07/10/17 10:21	
Bromodichloromethane	ug/L	<0.50	1.0	07/10/17 10:21	
Bromoform	ug/L	<0.50	1.0	07/10/17 10:21	
Bromomethane	ug/L	<2.4	5.0	07/10/17 10:21	
Carbon tetrachloride	ug/L	<0.50	1.0	07/10/17 10:21	
Chlorobenzene	ug/L	<0.50	1.0	07/10/17 10:21	
Chloroethane	ug/L	<0.37	1.0	07/10/17 10:21	
Chloroform	ug/L	<2.5	5.0	07/10/17 10:21	
Chloromethane	ug/L	<0.50	1.0	07/10/17 10:21	
cis-1,2-Dichloroethane	ug/L	<0.26	1.0	07/10/17 10:21	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	07/10/17 10:21	
Dibromochloromethane	ug/L	<0.50	1.0	07/10/17 10:21	
Dibromomethane	ug/L	<0.43	1.0	07/10/17 10:21	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40152864

METHOD BLANK: 1537180

Matrix: Water

Associated Lab Samples: 40152864001, 40152864002, 40152864003, 40152864004, 40152864005, 40152864006, 40152864007, 40152864008, 40152864009, 40152864010, 40152864011, 40152864012, 40152864013, 40152864014, 40152864015, 40152864016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.22	1.0	07/10/17 10:21	
Diisopropyl ether	ug/L	<0.50	1.0	07/10/17 10:21	
Ethylbenzene	ug/L	<0.50	1.0	07/10/17 10:21	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	07/10/17 10:21	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	07/10/17 10:21	
m&p-Xylene	ug/L	<1.0	2.0	07/10/17 10:21	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	07/10/17 10:21	
Methylene Chloride	ug/L	<0.23	1.0	07/10/17 10:21	
n-Butylbenzene	ug/L	<0.50	1.0	07/10/17 10:21	
n-Propylbenzene	ug/L	<0.50	1.0	07/10/17 10:21	
Naphthalene	ug/L	<2.5	5.0	07/10/17 10:21	
o-Xylene	ug/L	<0.50	1.0	07/10/17 10:21	
p-Isopropyltoluene	ug/L	<0.50	1.0	07/10/17 10:21	
sec-Butylbenzene	ug/L	<2.2	5.0	07/10/17 10:21	
Styrene	ug/L	<0.50	1.0	07/10/17 10:21	
tert-Butylbenzene	ug/L	<0.18	1.0	07/10/17 10:21	
Tetrachloroethene	ug/L	<0.50	1.0	07/10/17 10:21	
Toluene	ug/L	<0.50	1.0	07/10/17 10:21	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	07/10/17 10:21	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	07/10/17 10:21	
Trichloroethene	ug/L	<0.33	1.0	07/10/17 10:21	
Trichlorofluoromethane	ug/L	<0.18	1.0	07/10/17 10:21	
Vinyl chloride	ug/L	<0.18	1.0	07/10/17 10:21	
4-Bromofluorobenzene (S)	%	96	61-130	07/10/17 10:21	
Dibromofluoromethane (S)	%	106	67-130	07/10/17 10:21	
Toluene-d8 (S)	%	99	70-130	07/10/17 10:21	

LABORATORY CONTROL SAMPLE: 1537181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.2	112	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.8	102	70-130	
1,1,2-Trichloroethane	ug/L	50	49.6	99	70-130	
1,1-Dichloroethane	ug/L	50	55.6	111	71-132	
1,1-Dichloroethene	ug/L	50	48.8	98	75-130	
1,2,4-Trichlorobenzene	ug/L	50	48.7	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	52.4	105	70-130	
1,2-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dichloroethane	ug/L	50	51.9	104	70-131	
1,2-Dichloropropane	ug/L	50	54.3	109	80-120	
1,3-Dichlorobenzene	ug/L	50	51.6	103	70-130	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40152864

LABORATORY CONTROL SAMPLE: 1537181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	50.3	101	70-130	
Benzene	ug/L	50	54.1	108	73-145	
Bromodichloromethane	ug/L	50	51.1	102	70-130	
Bromoform	ug/L	50	50.0	100	67-130	
Bromomethane	ug/L	50	47.8	96	26-128	
Carbon tetrachloride	ug/L	50	55.0	110	70-133	
Chlorobenzene	ug/L	50	50.6	101	70-130	
Chloroethane	ug/L	50	49.7	99	58-120	
Chloroform	ug/L	50	52.2	104	80-121	
Chloromethane	ug/L	50	46.3	93	40-127	
cis-1,2-Dichloroethene	ug/L	50	53.6	107	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	70-130	
Dibromochloromethane	ug/L	50	50.2	100	70-130	
Dichlorodifluoromethane	ug/L	50	29.8	60	20-135	
Ethylbenzene	ug/L	50	52.8	106	87-129	
Isopropylbenzene (Cumene)	ug/L	50	53.4	107	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	55.4	111	66-143	
Methylene Chloride	ug/L	50	51.4	103	70-130	
o-Xylene	ug/L	50	51.5	103	70-130	
Styrene	ug/L	50	53.8	108	70-130	
Tetrachloroethene	ug/L	50	47.5	95	70-130	
Toluene	ug/L	50	50.1	100	82-130	
trans-1,2-Dichloroethene	ug/L	50	55.9	112	75-132	
trans-1,3-Dichloropropene	ug/L	50	48.4	97	70-130	
Trichloroethene	ug/L	50	52.3	105	70-130	
Trichlorofluoromethane	ug/L	50	51.2	102	76-133	
Vinyl chloride	ug/L	50	47.0	94	57-136	
4-Bromofluorobenzene (S)	%			103	61-130	
Dibromofluoromethane (S)	%			107	67-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537302 1537303

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40152864006 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<0.50	59.4	59.4	68.3	66.0	115	111	70-134	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	59.4	59.4	62.1	63.4	105	107	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.20	59.4	59.4	60.0	59.6	101	100	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	59.4	59.4	62.6	63.1	105	106	71-133	1	20	
1,1-Dichloroethene	ug/L	<0.41	59.4	59.4	57.8	56.7	97	96	75-136	2	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	59.4	59.4	61.4	60.8	103	102	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	59.4	59.4	57.2	63.1	96	106	63-123	10	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	59.4	59.4	60.6	66.3	102	112	70-130	9	20	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40152864

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537302												1537303											
Parameter	Units	40152864006		MS	MSD	MS		MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual								
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits													
1,2-Dichlorobenzene	ug/L	<0.50	59.4	59.4	59.4	59.4	64.3	65.7	108	111	70-130	2	20										
1,2-Dichloroethane	ug/L	<0.17	59.4	59.4	59.4	59.4	63.4	62.3	107	105	70-131	2	20										
1,2-Dichloropropane	ug/L	<0.23	59.4	59.4	59.4	59.4	66.7	66.7	112	112	80-120	0	20										
1,3-Dichlorobenzene	ug/L	<0.50	59.4	59.4	59.4	59.4	64.5	64.5	109	109	70-130	0	20										
1,4-Dichlorobenzene	ug/L	<0.50	59.4	59.4	59.4	59.4	63.6	63.9	107	108	70-130	1	20										
Benzene	ug/L	<0.50	59.4	59.4	59.4	59.4	64.7	63.3	109	107	73-145	2	20										
Bromodichloromethane	ug/L	<0.50	59.4	59.4	59.4	59.4	63.8	64.5	107	109	70-130	1	20										
Bromoform	ug/L	<0.50	59.4	59.4	59.4	59.4	61.8	63.8	104	107	67-130	3	20										
Bromomethane	ug/L	<2.4	59.4	59.4	59.4	59.4	45.6	61.4	77	103	26-129	30	20	R1									
Carbon tetrachloride	ug/L	<0.50	59.4	59.4	59.4	59.4	66.1	65.8	111	111	70-134	0	20										
Chlorobenzene	ug/L	<0.50	59.4	59.4	59.4	59.4	63.0	62.1	106	105	70-130	1	20										
Chloroethane	ug/L	<0.37	59.4	59.4	59.4	59.4	54.7	53.7	92	90	58-120	2	20										
Chloroform	ug/L	4.3J	59.4	59.4	59.4	59.4	68.6	68.3	108	108	80-121	0	20										
Chloromethane	ug/L	<0.50	59.4	59.4	59.4	59.4	43.4	40.8	73	69	40-128	6	20										
cis-1,2-Dichloroethene	ug/L	<0.26	59.4	59.4	59.4	59.4	67.2	64.2	113	108	70-130	5	20										
cis-1,3-Dichloropropene	ug/L	<0.50	59.4	59.4	59.4	59.4	63.2	66.2	106	111	70-130	5	20										
Dibromochloromethane	ug/L	<0.50	59.4	59.4	59.4	59.4	61.6	63.9	104	108	70-130	4	20										
Dichlorodifluoromethane	ug/L	<0.22	59.4	59.4	59.4	59.4	18.1	17.4	30	29	20-146	4	20										
Ethylbenzene	ug/L	<0.50	59.4	59.4	59.4	59.4	64.2	64.3	108	108	87-129	0	20										
Isopropylbenzene (Cumene)	ug/L	<0.14	59.4	59.4	59.4	59.4	65.0	65.3	109	110	70-130	0	20										
m&p-Xylene	ug/L	<1.0	119	119	119	119	126	127	106	107	70-130	1	20										
Methyl-tert-butyl ether	ug/L	<0.17	59.4	59.4	59.4	59.4	59.7	68.8	100	116	66-143	14	20										
Methylene Chloride	ug/L	<0.23	59.4	59.4	59.4	59.4	61.6	61.1	104	103	70-130	1	20										
o-Xylene	ug/L	<0.50	59.4	59.4	59.4	59.4	64.6	64.7	109	109	70-130	0	20										
Styrene	ug/L	<0.50	59.4	59.4	59.4	59.4	63.2	65.5	106	110	70-130	4	20										
Tetrachloroethene	ug/L	<0.50	59.4	59.4	59.4	59.4	58.3	58.7	98	99	70-130	1	20										
Toluene	ug/L	<0.50	59.4	59.4	59.4	59.4	61.7	61.0	104	103	82-131	1	20										
trans-1,2-Dichloroethene	ug/L	<0.26	59.4	59.4	59.4	59.4	63.9	62.2	108	105	75-135	3	20										
trans-1,3-Dichloropropene	ug/L	<0.23	59.4	59.4	59.4	59.4	57.3	60.7	96	102	70-130	6	20										
Trichloroethene	ug/L	<0.33	59.4	59.4	59.4	59.4	63.4	64.3	107	108	70-130	1	20										
Trichlorofluoromethane	ug/L	<0.18	59.4	59.4	59.4	59.4	57.5	56.6	97	95	76-150	2	20										
Vinyl chloride	ug/L	<0.18	59.4	59.4	59.4	59.4	46.7	45.2	79	76	56-143	3	20										
4-Bromofluorobenzene (S)	%								99	100	61-130												
Dibromofluoromethane (S)	%								106	105	67-130												
Toluene-d8 (S)	%								100	98	70-130												

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 1933B NORMINGTON

Pace Project No.: 40152864

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### 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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1933B NORMINGTON

Pace Project No.: 40152864

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152864001	MWWR1	EPA 8260	260955		
40152864002	MW2R	EPA 8260	260955		
40152864003	PZ1	EPA 8260	260955		
40152864004	PZWR2	EPA 8260	260955		
40152864005	PZWR3	EPA 8260	260955		
40152864006	CPZ1	EPA 8260	260955		
40152864007	CPZ2	EPA 8260	260955		
40152864008	CPZ3	EPA 8260	260955		
40152864009	CPZ4R	EPA 8260	260955		
40152864010	CPZ5	EPA 8260	260955		
40152864011	CPZ6	EPA 8260	260955		
40152864012	CPZ7	EPA 8260	260955		
40152864013	CPZ8	EPA 8260	260955		
40152864014	CPZ9	EPA 8260	260955		
40152864015	CPZ10	EPA 8260	260955		
40152864016	CPZ11	EPA 8260	260955		

### REPORT OF LABORATORY ANALYSIS

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90152864

# CHAIN OF CUSTODY

**Preservation Codes**  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

<b>Y/N</b>	N										
<b>Pick Letter</b>	B										
<b>Analyses Requested</b>	VOC										

<b>Quote #:</b>	
<b>Mail To Contact:</b>	REF - Andy DeHogge
<b>Mail To Company:</b>	REF
<b>Mail To Address:</b>	adeforge@REFengineering.com
<b>Invoice To Contact:</b>	S.A.A
<b>Invoice To Company:</b>	
<b>Invoice To Address:</b>	
<b>Invoice To Phone:</b>	
<b>CLIENT COMMENTS</b>	
<b>LAB COMMENTS (Lab Use Only)</b>	3-40mLV B
<b>Profile #</b>	

*(Please Print Clearly)*

**Company Name:** RETI

**Branch/Location:** Wausau

**Project Contact:** Andy DeHogge

**Phone:** 715-875-9789

**Project Number:** 1933B

**Project Name:** Normington

**Project State:** WI

**Sampled By (Print):** Jared Szewcs

**Sampled By (Sign):** *Jared Szewcs*

**PO #:**

**Regulatory Program:**

**Data Package Options (billable)**

EPA Level III

EPA Level IV

**MS/MSD (billable)**

On your sample (billable)

NOT needed on your sample

**Matrix Codes**

A = Air W = Water  
 B = Biota DW = Drinking Water  
 C = Charcoal GW = Ground Water  
 O = Oil SW = Surface Water  
 S = Soil WP = Waste Water  
 SL = Sludge

**Filtered? (YES/NO)**

**Preservation (CODE)\***

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	MWWR1	7/5/17	1:00	GW
002	MWWR2		2:40	
003	PZ1		2:20	
004	PZWR2		4:20	
005	PZWR3		1:40	
006	CPZ1		2:00	
007	CPZ2		12:00	
008	CPZ3		1:20	
009	CPZ4R		3:40	
010	CPZ5		3:20	
011	CPZ6		11:40	
012	CPZ7		3:00	
013	CPZ8		4:00	

**Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)**

Date Needed:

Transmit Prelim Rush Results by (complete what you want):

**Email #1:**

**Email #2:**

**Telephone:**

**Fax:**

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

<b>Received By:</b>		<b>Date/Time:</b>	
<b>Received By:</b>		<b>Date/Time:</b>	
<b>Received By:</b>	<i>Kembaly Kofel</i>	<b>Date/Time:</b>	7/11/17 08:45
<b>Received By:</b>	<i>Walter</i>	<b>Date/Time:</b>	7/17/17 2:30 PM
<b>Received By:</b>		<b>Date/Time:</b>	

**PACE Project No.**  
 40152864

**Receipt Temp =** 80.1 °C

**Sample Receipt pH**  
 OK / Adjusted

**Cooler Custody Seal Present / Not Present**  
 Intact / Not Intact





CHAIN OF CUSTODY

Preservation Codes: A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Table with columns for Y/N, Pick Letter, and Analyses Requested.

Table with columns for FILTERED?, PRESERVATION (CODE)\*, Matrix Codes, MS/MSD, CLIENT FIELD ID, and COLLECTION DATE/TIME.

Company Name: REI, Branch/Location: Wausau, Project Contact: Andy DeForge, Project Number: 1933B, Project Name: Nornington, Project State: WI, Sampled By (Print): Jared Szews, Sampled By (Sign): Jared Szews, PO #: [blank]

Data Package Options, CLIENT FIELD ID, RUSH Turnaround Time Requested - Prelims, Transmit Prelim Rush Results by, Email #1, Email #2, Telephone, Fax.

Quote #, Mail To Contact: Andy DeForge, Mail To Company: REI, Mail To Address: adeforge@REIenv.com, Invoice To Contact: SAA, Invoice To Company: [blank], Invoice To Address: [blank], Invoice To Phone: [blank], CLIENT COMMENTS, LAB COMMENTS: 3-40mLvB, Profile #

Received By, Date/Time, Relinquished By, Date/Time, Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge), Date Needed:

Received By: Kimberly Fufstace 7/17/08, Date/Time: 7/17/08, Relinquished By: Waltero, Date/Time: 7/17/08

Received By: [Signature], Date/Time: 7/17/08, Relinquished By: [Signature], Date/Time: 7/17/08, Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge), Date Needed:



Sample Condition Upon Receipt

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

Client Name: REI

Project # WO#: 40152864

Courier: Fed Ex UPS Client Pace Other: Waltes
Tracking #: 1418313-1



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 NA Type of Ice: Wet Blue Dry None
Cooler Temperature Uncorr: 20 Corr: Samples on ice, cooling process has begun
Biological Tissue is Frozen: yes no

Temp Blank Present: yes no
Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 7-7-17
Initials: KR

Table with 15 rows of inspection items and checkboxes. Includes 'Chain of Custody Present', 'Short Hold Time Analysis', 'Rush Turn Around Time Requested', 'Containers Intact', 'Filtered volume received for Dissolved tests', 'Sample Labels match COC', 'Headspace in VOA Vials', 'Trip Blank Present'.

Client Notification/ Resolution:
Person Contacted: Date/Time:
Comments/ Resolution:
If checked, see attached form for additional comments

Project Manager Review: Date: 7-7-17

July 10, 2018

Andy Delforge  
REI  
4080 North 20th Avenue  
Wausau, WI 54401

RE: Project: 1933B NORMINGTON  
Pace Project No.: 40171765

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on June 29, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1933B NORMINGTON

Pace Project No.: 40171765

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40171765001	CPZ4R	Water	06/27/18 14:50	06/29/18 09:05
40171765002	CPZ5	Water	06/27/18 13:10	06/29/18 09:05
40171765003	CPZ6	Water	06/27/18 11:10	06/29/18 09:05
40171765004	PZWR2	Water	06/27/18 13:40	06/29/18 09:05
40171765005	CPZ7	Water	06/27/18 12:25	06/29/18 09:05
40171765006	CPZ8	Water	06/27/18 12:45	06/29/18 09:05
40171765007	MW-2R	Water	06/27/18 15:15	06/29/18 09:05
40171765008	CPZ9	Water	06/27/18 12:00	06/29/18 09:05
40171765009	CPZ10	Water	06/27/18 11:35	06/29/18 09:05
40171765010	CPZ11	Water	06/27/18 10:45	06/29/18 09:05
40171765011	CPZ12	Water	06/27/18 09:25	06/29/18 09:05
40171765012	CPZ13	Water	06/27/18 08:45	06/29/18 09:05
40171765013	CPZ14	Water	06/27/18 08:15	06/29/18 09:05

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1933B NORMINGTON

Pace Project No.: 40171765

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40171765001	CPZ4R	EPA 8260	HNW	64	PASI-G
40171765002	CPZ5	EPA 8260	HNW	64	PASI-G
40171765003	CPZ6	EPA 8260	HNW	64	PASI-G
40171765004	PZWR2	EPA 8260	HNW	64	PASI-G
40171765005	CPZ7	EPA 8260	HNW	64	PASI-G
40171765006	CPZ8	EPA 8260	HNW	64	PASI-G
40171765007	MW-2R	EPA 8260	HNW	64	PASI-G
40171765008	CPZ9	EPA 8260	HNW	64	PASI-G
40171765009	CPZ10	EPA 8260	HNW	64	PASI-G
40171765010	CPZ11	EPA 8260	HNW	64	PASI-G
40171765011	CPZ12	EPA 8260	HNW	64	PASI-G
40171765012	CPZ13	EPA 8260	HNW	64	PASI-G
40171765013	CPZ14	EPA 8260	HNW	64	PASI-G

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

Sample: CPZ4R Lab ID: 40171765001 Collected: 06/27/18 14:50 Received: 06/29/18 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/09/18 15:20	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/09/18 15:20	74-97-5	
Bromodichloromethane	4.1	ug/L	1.0	0.50	1		07/09/18 15:20	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/09/18 15:20	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 15:20	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/09/18 15:20	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/09/18 15:20	75-00-3	
Chloroform	44.1	ug/L	5.0	2.5	1		07/09/18 15:20	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/09/18 15:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/09/18 15:20	96-12-8	
Dibromochloromethane	0.50J	ug/L	1.0	0.50	1		07/09/18 15:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/09/18 15:20	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/09/18 15:20	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/09/18 15:20	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/09/18 15:20	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/09/18 15:20	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/09/18 15:20	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/09/18 15:20	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/09/18 15:20	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/09/18 15:20	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/09/18 15:20	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/09/18 15:20	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/09/18 15:20	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/09/18 15:20	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/09/18 15:20	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/09/18 15:20	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/09/18 15:20	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/09/18 15:20	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/09/18 15:20	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ4R**      **Lab ID: 40171765001**      Collected: 06/27/18 14:50      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/09/18 15:20	79-34-5	
Tetrachloroethene	19.1	ug/L	1.0	0.50	1		07/09/18 15:20	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/09/18 15:20	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 15:20	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/09/18 15:20	79-00-5	
Trichloroethene	0.47J	ug/L	1.0	0.33	1		07/09/18 15:20	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/09/18 15:20	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/09/18 15:20	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/09/18 15:20	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/09/18 15:20	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		07/09/18 15:20	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		07/09/18 15:20	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		07/09/18 15:20	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ5**      **Lab ID: 40171765002**      Collected: 06/27/18 13:10      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/09/18 16:46	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/09/18 16:46	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/09/18 16:46	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 16:46	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/09/18 16:46	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/09/18 16:46	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/09/18 16:46	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/09/18 16:46	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/09/18 16:46	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/09/18 16:46	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/09/18 16:46	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/09/18 16:46	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/09/18 16:46	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/09/18 16:46	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/09/18 16:46	75-35-4	
cis-1,2-Dichloroethene	0.64J	ug/L	1.0	0.26	1		07/09/18 16:46	156-59-2	
trans-1,2-Dichloroethene	0.49J	ug/L	1.0	0.26	1		07/09/18 16:46	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/09/18 16:46	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/09/18 16:46	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/09/18 16:46	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/09/18 16:46	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/09/18 16:46	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/09/18 16:46	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/09/18 16:46	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/09/18 16:46	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/09/18 16:46	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/09/18 16:46	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ5**      **Lab ID: 40171765002**      Collected: 06/27/18 13:10      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/09/18 16:46	79-34-5	
Tetrachloroethene	116	ug/L	1.0	0.50	1		07/09/18 16:46	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/09/18 16:46	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 16:46	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/09/18 16:46	79-00-5	
Trichloroethene	49.8	ug/L	1.0	0.33	1		07/09/18 16:46	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/09/18 16:46	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/09/18 16:46	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/09/18 16:46	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/09/18 16:46	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		07/09/18 16:46	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		07/09/18 16:46	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		07/09/18 16:46	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ6**      **Lab ID: 40171765003**      Collected: 06/27/18 11:10      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/09/18 17:07	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/09/18 17:07	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/09/18 17:07	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 17:07	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/09/18 17:07	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/09/18 17:07	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/09/18 17:07	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/09/18 17:07	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/09/18 17:07	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/09/18 17:07	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/09/18 17:07	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/09/18 17:07	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/09/18 17:07	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/09/18 17:07	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/09/18 17:07	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/09/18 17:07	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/09/18 17:07	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/09/18 17:07	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/09/18 17:07	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/09/18 17:07	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/09/18 17:07	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/09/18 17:07	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/09/18 17:07	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/09/18 17:07	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/09/18 17:07	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/09/18 17:07	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/09/18 17:07	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ6**      **Lab ID: 40171765003**      Collected: 06/27/18 11:10      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/09/18 17:07	79-34-5	
Tetrachloroethene	0.95J	ug/L	1.0	0.50	1		07/09/18 17:07	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/09/18 17:07	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 17:07	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/09/18 17:07	79-00-5	
Trichloroethene	0.53J	ug/L	1.0	0.33	1		07/09/18 17:07	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/09/18 17:07	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/09/18 17:07	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/09/18 17:07	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:07	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		07/09/18 17:07	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		07/09/18 17:07	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		07/09/18 17:07	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: PZWR2**      **Lab ID: 40171765004**      Collected: 06/27/18 13:40      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		07/09/18 15:41	108-86-1	
Bromochloromethane	<1.7	ug/L	5.0	1.7	5		07/09/18 15:41	74-97-5	
Bromodichloromethane	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	75-27-4	
Bromoform	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	75-25-2	
Bromomethane	<12.2	ug/L	25.0	12.2	5		07/09/18 15:41	74-83-9	
n-Butylbenzene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	104-51-8	
sec-Butylbenzene	<10.9	ug/L	25.0	10.9	5		07/09/18 15:41	135-98-8	
tert-Butylbenzene	<0.90	ug/L	5.0	0.90	5		07/09/18 15:41	98-06-6	
Carbon tetrachloride	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	56-23-5	
Chlorobenzene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	108-90-7	
Chloroethane	<1.9	ug/L	5.0	1.9	5		07/09/18 15:41	75-00-3	
Chloroform	26.2	ug/L	25.0	12.5	5		07/09/18 15:41	67-66-3	
Chloromethane	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	74-87-3	
2-Chlorotoluene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	95-49-8	
4-Chlorotoluene	<1.1	ug/L	5.0	1.1	5		07/09/18 15:41	106-43-4	
1,2-Dibromo-3-chloropropane	<10.8	ug/L	25.0	10.8	5		07/09/18 15:41	96-12-8	
Dibromochloromethane	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.89	ug/L	5.0	0.89	5		07/09/18 15:41	106-93-4	
Dibromomethane	<2.1	ug/L	5.0	2.1	5		07/09/18 15:41	74-95-3	
1,2-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	95-50-1	
1,3-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	541-73-1	
1,4-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	106-46-7	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		07/09/18 15:41	75-71-8	
1,1-Dichloroethane	<1.2	ug/L	5.0	1.2	5		07/09/18 15:41	75-34-3	
1,2-Dichloroethane	<0.84	ug/L	5.0	0.84	5		07/09/18 15:41	107-06-2	
1,1-Dichloroethene	<2.1	ug/L	5.0	2.1	5		07/09/18 15:41	75-35-4	
cis-1,2-Dichloroethene	<1.3	ug/L	5.0	1.3	5		07/09/18 15:41	156-59-2	
trans-1,2-Dichloroethene	<1.3	ug/L	5.0	1.3	5		07/09/18 15:41	156-60-5	
1,2-Dichloropropane	<1.2	ug/L	5.0	1.2	5		07/09/18 15:41	78-87-5	
1,3-Dichloropropane	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	142-28-9	
2,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		07/09/18 15:41	594-20-7	
1,1-Dichloropropene	<2.2	ug/L	5.0	2.2	5		07/09/18 15:41	563-58-6	
cis-1,3-Dichloropropene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	10061-01-5	
trans-1,3-Dichloropropene	<1.1	ug/L	5.0	1.1	5		07/09/18 15:41	10061-02-6	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	108-20-3	
Ethylbenzene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	100-41-4	
Hexachloro-1,3-butadiene	<10.5	ug/L	25.0	10.5	5		07/09/18 15:41	87-68-3	
Isopropylbenzene (Cumene)	<0.72	ug/L	5.0	0.72	5		07/09/18 15:41	98-82-8	
p-Isopropyltoluene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	99-87-6	
Methylene Chloride	1.3J	ug/L	5.0	1.2	5		07/09/18 15:41	75-09-2	
Methyl-tert-butyl ether	<0.87	ug/L	5.0	0.87	5		07/09/18 15:41	1634-04-4	
Naphthalene	<12.5	ug/L	25.0	12.5	5		07/09/18 15:41	91-20-3	
n-Propylbenzene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	103-65-1	
Styrene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	100-42-5	
1,1,1,2-Tetrachloroethane	<0.90	ug/L	5.0	0.90	5		07/09/18 15:41	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: PZWR2**      **Lab ID: 40171765004**      Collected: 06/27/18 13:40      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<1.2	ug/L	5.0	1.2	5		07/09/18 15:41	79-34-5	
Tetrachloroethene	1420	ug/L	5.0	2.5	5		07/09/18 15:41	127-18-4	
Toluene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	108-88-3	
1,2,3-Trichlorobenzene	<10.7	ug/L	25.0	10.7	5		07/09/18 15:41	87-61-6	
1,2,4-Trichlorobenzene	<11.0	ug/L	25.0	11.0	5		07/09/18 15:41	120-82-1	
1,1,1-Trichloroethane	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	71-55-6	
1,1,2-Trichloroethane	<0.99	ug/L	5.0	0.99	5		07/09/18 15:41	79-00-5	
Trichloroethene	10.6	ug/L	5.0	1.7	5		07/09/18 15:41	79-01-6	
Trichlorofluoromethane	<0.92	ug/L	5.0	0.92	5		07/09/18 15:41	75-69-4	
1,2,3-Trichloropropane	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	96-18-4	
1,2,4-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	108-67-8	
Vinyl chloride	<0.88	ug/L	5.0	0.88	5		07/09/18 15:41	75-01-4	
m&p-Xylene	<5.0	ug/L	10.0	5.0	5		07/09/18 15:41	179601-23-1	
o-Xylene	<2.5	ug/L	5.0	2.5	5		07/09/18 15:41	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		5		07/09/18 15:41	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		5		07/09/18 15:41	1868-53-7	
Toluene-d8 (S)	99	%	70-130		5		07/09/18 15:41	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON  
Pace Project No.: 40171765

**Sample: CPZ7**      **Lab ID: 40171765005**      Collected: 06/27/18 12:25      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/09/18 17:28	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/09/18 17:28	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/09/18 17:28	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 17:28	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/09/18 17:28	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/09/18 17:28	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/09/18 17:28	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/09/18 17:28	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/09/18 17:28	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/09/18 17:28	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/09/18 17:28	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/09/18 17:28	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/09/18 17:28	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/09/18 17:28	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/09/18 17:28	75-35-4	
cis-1,2-Dichloroethene	9.5	ug/L	1.0	0.26	1		07/09/18 17:28	156-59-2	
trans-1,2-Dichloroethene	3.0	ug/L	1.0	0.26	1		07/09/18 17:28	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/09/18 17:28	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/09/18 17:28	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/09/18 17:28	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/09/18 17:28	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/09/18 17:28	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/09/18 17:28	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/09/18 17:28	75-09-2	
Methyl-tert-butyl ether	3.6	ug/L	1.0	0.17	1		07/09/18 17:28	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/09/18 17:28	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/09/18 17:28	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ7**      **Lab ID: 40171765005**      Collected: 06/27/18 12:25      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/09/18 17:28	79-34-5	
Tetrachloroethene	3.4	ug/L	1.0	0.50	1		07/09/18 17:28	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/09/18 17:28	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 17:28	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/09/18 17:28	79-00-5	
Trichloroethene	27.6	ug/L	1.0	0.33	1		07/09/18 17:28	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/09/18 17:28	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/09/18 17:28	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/09/18 17:28	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:28	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/09/18 17:28	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		07/09/18 17:28	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		07/09/18 17:28	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

Sample: CPZ8 Lab ID: 40171765006 Collected: 06/27/18 12:45 Received: 06/29/18 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/09/18 17:50	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/09/18 17:50	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/09/18 17:50	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 17:50	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/09/18 17:50	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/09/18 17:50	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/09/18 17:50	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/09/18 17:50	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/09/18 17:50	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/09/18 17:50	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/09/18 17:50	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/09/18 17:50	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/09/18 17:50	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/09/18 17:50	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/09/18 17:50	75-35-4	
cis-1,2-Dichloroethene	0.70J	ug/L	1.0	0.26	1		07/09/18 17:50	156-59-2	
trans-1,2-Dichloroethene	0.32J	ug/L	1.0	0.26	1		07/09/18 17:50	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/09/18 17:50	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/09/18 17:50	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/09/18 17:50	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/09/18 17:50	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/09/18 17:50	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/09/18 17:50	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/09/18 17:50	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/09/18 17:50	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/09/18 17:50	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/09/18 17:50	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ8**      **Lab ID: 40171765006**      Collected: 06/27/18 12:45      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/09/18 17:50	79-34-5	
Tetrachloroethene	92.4	ug/L	1.0	0.50	1		07/09/18 17:50	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/09/18 17:50	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 17:50	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/09/18 17:50	79-00-5	
Trichloroethene	11.6	ug/L	1.0	0.33	1		07/09/18 17:50	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/09/18 17:50	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/09/18 17:50	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/09/18 17:50	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/09/18 17:50	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/09/18 17:50	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		07/09/18 17:50	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		07/09/18 17:50	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

Sample: MW-2R Lab ID: 40171765007 Collected: 06/27/18 15:15 Received: 06/29/18 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/09/18 18:11	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/09/18 18:11	74-97-5	
Bromodichloromethane	3.3	ug/L	1.0	0.50	1		07/09/18 18:11	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/09/18 18:11	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 18:11	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/09/18 18:11	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/09/18 18:11	75-00-3	
Chloroform	38.9	ug/L	5.0	2.5	1		07/09/18 18:11	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/09/18 18:11	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/09/18 18:11	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/09/18 18:11	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/09/18 18:11	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/09/18 18:11	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/09/18 18:11	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/09/18 18:11	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/09/18 18:11	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/09/18 18:11	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/09/18 18:11	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/09/18 18:11	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/09/18 18:11	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/09/18 18:11	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/09/18 18:11	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/09/18 18:11	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/09/18 18:11	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/09/18 18:11	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/09/18 18:11	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/09/18 18:11	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/09/18 18:11	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: MW-2R**      **Lab ID: 40171765007**      Collected: 06/27/18 15:15      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/09/18 18:11	79-34-5	
Tetrachloroethene	12.1	ug/L	1.0	0.50	1		07/09/18 18:11	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/09/18 18:11	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 18:11	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/09/18 18:11	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/09/18 18:11	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/09/18 18:11	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/09/18 18:11	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/09/18 18:11	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:11	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		07/09/18 18:11	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		07/09/18 18:11	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		07/09/18 18:11	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ9**      **Lab ID: 40171765008**      Collected: 06/27/18 12:00      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/09/18 18:33	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/09/18 18:33	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/09/18 18:33	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 18:33	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/09/18 18:33	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/09/18 18:33	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/09/18 18:33	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/09/18 18:33	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/09/18 18:33	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/09/18 18:33	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/09/18 18:33	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/09/18 18:33	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/09/18 18:33	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/09/18 18:33	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/09/18 18:33	75-35-4	
cis-1,2-Dichloroethene	9.2	ug/L	1.0	0.26	1		07/09/18 18:33	156-59-2	
trans-1,2-Dichloroethene	13.4	ug/L	1.0	0.26	1		07/09/18 18:33	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/09/18 18:33	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/09/18 18:33	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/09/18 18:33	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/09/18 18:33	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/09/18 18:33	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/09/18 18:33	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/09/18 18:33	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/09/18 18:33	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/09/18 18:33	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/09/18 18:33	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ9**      **Lab ID: 40171765008**      Collected: 06/27/18 12:00      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/09/18 18:33	79-34-5	
Tetrachloroethene	2.7	ug/L	1.0	0.50	1		07/09/18 18:33	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/09/18 18:33	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 18:33	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/09/18 18:33	79-00-5	
Trichloroethene	8.7	ug/L	1.0	0.33	1		07/09/18 18:33	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/09/18 18:33	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/09/18 18:33	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/09/18 18:33	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:33	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		07/09/18 18:33	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		07/09/18 18:33	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		07/09/18 18:33	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

Sample: CPZ10 Lab ID: 40171765009 Collected: 06/27/18 11:35 Received: 06/29/18 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/09/18 18:54	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/09/18 18:54	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/09/18 18:54	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 18:54	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/09/18 18:54	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/09/18 18:54	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/09/18 18:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/09/18 18:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/09/18 18:54	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/09/18 18:54	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/09/18 18:54	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/09/18 18:54	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/09/18 18:54	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/09/18 18:54	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/09/18 18:54	75-35-4	
cis-1,2-Dichloroethene	0.78J	ug/L	1.0	0.26	1		07/09/18 18:54	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/09/18 18:54	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/09/18 18:54	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/09/18 18:54	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/09/18 18:54	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/09/18 18:54	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/09/18 18:54	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/09/18 18:54	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/09/18 18:54	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/09/18 18:54	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/09/18 18:54	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/09/18 18:54	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ10**      **Lab ID: 40171765009**      Collected: 06/27/18 11:35      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/09/18 18:54	79-34-5	
Tetrachloroethene	13.7	ug/L	1.0	0.50	1		07/09/18 18:54	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/09/18 18:54	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 18:54	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/09/18 18:54	79-00-5	
Trichloroethene	21.4	ug/L	1.0	0.33	1		07/09/18 18:54	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/09/18 18:54	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/09/18 18:54	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/09/18 18:54	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/09/18 18:54	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		07/09/18 18:54	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		07/09/18 18:54	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		07/09/18 18:54	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

Sample: CPZ11 Lab ID: 40171765010 Collected: 06/27/18 10:45 Received: 06/29/18 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	1.0	ug/L	1.0	0.50	1		07/09/18 19:16	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/09/18 19:16	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/09/18 19:16	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/09/18 19:16	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 19:16	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/09/18 19:16	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/09/18 19:16	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/09/18 19:16	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/09/18 19:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/09/18 19:16	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/09/18 19:16	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/09/18 19:16	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/09/18 19:16	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/09/18 19:16	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/09/18 19:16	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/09/18 19:16	75-35-4	
cis-1,2-Dichloroethene	3.8	ug/L	1.0	0.26	1		07/09/18 19:16	156-59-2	
trans-1,2-Dichloroethene	0.72J	ug/L	1.0	0.26	1		07/09/18 19:16	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/09/18 19:16	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/09/18 19:16	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/09/18 19:16	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/09/18 19:16	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/09/18 19:16	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/09/18 19:16	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/09/18 19:16	75-09-2	
Methyl-tert-butyl ether	5.7	ug/L	1.0	0.17	1		07/09/18 19:16	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/09/18 19:16	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/09/18 19:16	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ11**      **Lab ID: 40171765010**      Collected: 06/27/18 10:45      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/09/18 19:16	79-34-5	
Tetrachloroethene	20.4	ug/L	1.0	0.50	1		07/09/18 19:16	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/09/18 19:16	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 19:16	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/09/18 19:16	79-00-5	
Trichloroethene	28.7	ug/L	1.0	0.33	1		07/09/18 19:16	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/09/18 19:16	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/09/18 19:16	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/09/18 19:16	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:16	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		07/09/18 19:16	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		07/09/18 19:16	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		07/09/18 19:16	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ12**      **Lab ID: 40171765011**      Collected: 06/27/18 09:25      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/09/18 19:37	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/09/18 19:37	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/09/18 19:37	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 19:37	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/09/18 19:37	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/09/18 19:37	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/09/18 19:37	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/09/18 19:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/09/18 19:37	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/09/18 19:37	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/09/18 19:37	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/09/18 19:37	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/09/18 19:37	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/09/18 19:37	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/09/18 19:37	75-35-4	
cis-1,2-Dichloroethene	40.3	ug/L	1.0	0.26	1		07/09/18 19:37	156-59-2	
trans-1,2-Dichloroethene	63.4	ug/L	1.0	0.26	1		07/09/18 19:37	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/09/18 19:37	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/09/18 19:37	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/09/18 19:37	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/09/18 19:37	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/09/18 19:37	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/09/18 19:37	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/09/18 19:37	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/09/18 19:37	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/09/18 19:37	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/09/18 19:37	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ12**      **Lab ID: 40171765011**      Collected: 06/27/18 09:25      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/09/18 19:37	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/09/18 19:37	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/09/18 19:37	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/09/18 19:37	79-00-5	
Trichloroethene	63.6	ug/L	1.0	0.33	1		07/09/18 19:37	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/09/18 19:37	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/09/18 19:37	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/09/18 19:37	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/09/18 19:37	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		07/09/18 19:37	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		07/09/18 19:37	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		07/09/18 19:37	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ13**      **Lab ID: 40171765012**      Collected: 06/27/18 08:45      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<b>0.68J</b>	ug/L	1.0	0.50	1		07/10/18 07:23	71-43-2	
Bromobenzene	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		07/10/18 07:23	108-86-1	
Bromochloromethane	<b>&lt;0.34</b>	ug/L	1.0	0.34	1		07/10/18 07:23	74-97-5	
Bromodichloromethane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	75-27-4	
Bromoform	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	75-25-2	
Bromomethane	<b>&lt;2.4</b>	ug/L	5.0	2.4	1		07/10/18 07:23	74-83-9	
n-Butylbenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	104-51-8	
sec-Butylbenzene	<b>&lt;2.2</b>	ug/L	5.0	2.2	1		07/10/18 07:23	135-98-8	
tert-Butylbenzene	<b>&lt;0.18</b>	ug/L	1.0	0.18	1		07/10/18 07:23	98-06-6	
Carbon tetrachloride	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	56-23-5	
Chlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	108-90-7	
Chloroethane	<b>&lt;0.37</b>	ug/L	1.0	0.37	1		07/10/18 07:23	75-00-3	
Chloroform	<b>&lt;2.5</b>	ug/L	5.0	2.5	1		07/10/18 07:23	67-66-3	
Chloromethane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	74-87-3	
2-Chlorotoluene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	95-49-8	
4-Chlorotoluene	<b>&lt;0.21</b>	ug/L	1.0	0.21	1		07/10/18 07:23	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;2.2</b>	ug/L	5.0	2.2	1		07/10/18 07:23	96-12-8	
Dibromochloromethane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.18</b>	ug/L	1.0	0.18	1		07/10/18 07:23	106-93-4	
Dibromomethane	<b>&lt;0.43</b>	ug/L	1.0	0.43	1		07/10/18 07:23	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.22</b>	ug/L	1.0	0.22	1		07/10/18 07:23	75-71-8	
1,1-Dichloroethane	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		07/10/18 07:23	75-34-3	
1,2-Dichloroethane	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		07/10/18 07:23	107-06-2	
1,1-Dichloroethene	<b>&lt;0.41</b>	ug/L	1.0	0.41	1		07/10/18 07:23	75-35-4	
cis-1,2-Dichloroethene	<b>48.7</b>	ug/L	1.0	0.26	1		07/10/18 07:23	156-59-2	
trans-1,2-Dichloroethene	<b>73.3</b>	ug/L	1.0	0.26	1		07/10/18 07:23	156-60-5	
1,2-Dichloropropane	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		07/10/18 07:23	78-87-5	
1,3-Dichloropropane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	142-28-9	
2,2-Dichloropropane	<b>&lt;0.48</b>	ug/L	1.0	0.48	1		07/10/18 07:23	594-20-7	
1,1-Dichloropropene	<b>&lt;0.44</b>	ug/L	1.0	0.44	1		07/10/18 07:23	563-58-6	
cis-1,3-Dichloropropene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		07/10/18 07:23	10061-02-6	
Diisopropyl ether	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	108-20-3	
Ethylbenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	100-41-4	
Hexachloro-1,3-butadiene	<b>&lt;2.1</b>	ug/L	5.0	2.1	1		07/10/18 07:23	87-68-3	
Isopropylbenzene (Cumene)	<b>&lt;0.14</b>	ug/L	1.0	0.14	1		07/10/18 07:23	98-82-8	
p-Isopropyltoluene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	99-87-6	
Methylene Chloride	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		07/10/18 07:23	75-09-2	
Methyl-tert-butyl ether	<b>0.81J</b>	ug/L	1.0	0.17	1		07/10/18 07:23	1634-04-4	
Naphthalene	<b>&lt;2.5</b>	ug/L	5.0	2.5	1		07/10/18 07:23	91-20-3	
n-Propylbenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	103-65-1	
Styrene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/10/18 07:23	100-42-5	
1,1,1,2-Tetrachloroethane	<b>&lt;0.18</b>	ug/L	1.0	0.18	1		07/10/18 07:23	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON  
Pace Project No.: 40171765

**Sample: CPZ13**      **Lab ID: 40171765012**      Collected: 06/27/18 08:45      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/10/18 07:23	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/10/18 07:23	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/10/18 07:23	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/10/18 07:23	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/10/18 07:23	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/10/18 07:23	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/10/18 07:23	79-00-5	
Trichloroethene	43.6	ug/L	1.0	0.33	1		07/10/18 07:23	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/10/18 07:23	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/10/18 07:23	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/18 07:23	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/10/18 07:23	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/10/18 07:23	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/10/18 07:23	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/10/18 07:23	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		07/10/18 07:23	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		07/10/18 07:23	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		07/10/18 07:23	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

Sample: CPZ14 Lab ID: 40171765013 Collected: 06/27/18 08:15 Received: 06/29/18 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	71-43-2	
Bromobenzene	<0.58	ug/L	2.5	0.58	2.5		07/09/18 16:24	108-86-1	
Bromochloromethane	<0.85	ug/L	2.5	0.85	2.5		07/09/18 16:24	74-97-5	
Bromodichloromethane	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	75-27-4	
Bromoform	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	75-25-2	
Bromomethane	<6.1	ug/L	12.5	6.1	2.5		07/09/18 16:24	74-83-9	
n-Butylbenzene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	104-51-8	
sec-Butylbenzene	<5.5	ug/L	12.5	5.5	2.5		07/09/18 16:24	135-98-8	
tert-Butylbenzene	<0.45	ug/L	2.5	0.45	2.5		07/09/18 16:24	98-06-6	
Carbon tetrachloride	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	56-23-5	
Chlorobenzene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	108-90-7	
Chloroethane	<0.94	ug/L	2.5	0.94	2.5		07/09/18 16:24	75-00-3	
Chloroform	<6.2	ug/L	12.5	6.2	2.5		07/09/18 16:24	67-66-3	
Chloromethane	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	74-87-3	
2-Chlorotoluene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	95-49-8	
4-Chlorotoluene	<0.53	ug/L	2.5	0.53	2.5		07/09/18 16:24	106-43-4	
1,2-Dibromo-3-chloropropane	<5.4	ug/L	12.5	5.4	2.5		07/09/18 16:24	96-12-8	
Dibromochloromethane	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	124-48-1	
1,2-Dibromoethane (EDB)	<0.44	ug/L	2.5	0.44	2.5		07/09/18 16:24	106-93-4	
Dibromomethane	<1.1	ug/L	2.5	1.1	2.5		07/09/18 16:24	74-95-3	
1,2-Dichlorobenzene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	95-50-1	
1,3-Dichlorobenzene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	541-73-1	
1,4-Dichlorobenzene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	106-46-7	
Dichlorodifluoromethane	<0.56	ug/L	2.5	0.56	2.5		07/09/18 16:24	75-71-8	
1,1-Dichloroethane	<0.60	ug/L	2.5	0.60	2.5		07/09/18 16:24	75-34-3	
1,2-Dichloroethane	<0.42	ug/L	2.5	0.42	2.5		07/09/18 16:24	107-06-2	
1,1-Dichloroethene	<1.0	ug/L	2.5	1.0	2.5		07/09/18 16:24	75-35-4	
cis-1,2-Dichloroethene	0.75J	ug/L	2.5	0.64	2.5		07/09/18 16:24	156-59-2	
trans-1,2-Dichloroethene	0.96J	ug/L	2.5	0.64	2.5		07/09/18 16:24	156-60-5	
1,2-Dichloropropane	<0.58	ug/L	2.5	0.58	2.5		07/09/18 16:24	78-87-5	
1,3-Dichloropropane	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	142-28-9	
2,2-Dichloropropane	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	594-20-7	
1,1-Dichloropropene	<1.1	ug/L	2.5	1.1	2.5		07/09/18 16:24	563-58-6	
cis-1,3-Dichloropropene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	10061-01-5	
trans-1,3-Dichloropropene	<0.57	ug/L	2.5	0.57	2.5		07/09/18 16:24	10061-02-6	
Diisopropyl ether	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	108-20-3	
Ethylbenzene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	100-41-4	
Hexachloro-1,3-butadiene	<5.3	ug/L	12.5	5.3	2.5		07/09/18 16:24	87-68-3	
Isopropylbenzene (Cumene)	<0.36	ug/L	2.5	0.36	2.5		07/09/18 16:24	98-82-8	
p-Isopropyltoluene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	99-87-6	
Methylene Chloride	<0.58	ug/L	2.5	0.58	2.5		07/09/18 16:24	75-09-2	
Methyl-tert-butyl ether	<0.44	ug/L	2.5	0.44	2.5		07/09/18 16:24	1634-04-4	
Naphthalene	<6.2	ug/L	12.5	6.2	2.5		07/09/18 16:24	91-20-3	
n-Propylbenzene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	103-65-1	
Styrene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	100-42-5	
1,1,1,2-Tetrachloroethane	<0.45	ug/L	2.5	0.45	2.5		07/09/18 16:24	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

**Sample: CPZ14**      **Lab ID: 40171765013**      Collected: 06/27/18 08:15      Received: 06/29/18 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.62	ug/L	2.5	0.62	2.5		07/09/18 16:24	79-34-5	
Tetrachloroethene	130	ug/L	2.5	1.2	2.5		07/09/18 16:24	127-18-4	
Toluene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	108-88-3	
1,2,3-Trichlorobenzene	<5.3	ug/L	12.5	5.3	2.5		07/09/18 16:24	87-61-6	
1,2,4-Trichlorobenzene	<5.5	ug/L	12.5	5.5	2.5		07/09/18 16:24	120-82-1	
1,1,1-Trichloroethane	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	71-55-6	
1,1,2-Trichloroethane	<0.49	ug/L	2.5	0.49	2.5		07/09/18 16:24	79-00-5	
Trichloroethene	17.5	ug/L	2.5	0.83	2.5		07/09/18 16:24	79-01-6	
Trichlorofluoromethane	<0.46	ug/L	2.5	0.46	2.5		07/09/18 16:24	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	96-18-4	
1,2,4-Trimethylbenzene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	95-63-6	
1,3,5-Trimethylbenzene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	108-67-8	
Vinyl chloride	<0.44	ug/L	2.5	0.44	2.5		07/09/18 16:24	75-01-4	
m&p-Xylene	<2.5	ug/L	5.0	2.5	2.5		07/09/18 16:24	179601-23-1	
o-Xylene	<1.2	ug/L	2.5	1.2	2.5		07/09/18 16:24	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		2.5		07/09/18 16:24	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		2.5		07/09/18 16:24	1868-53-7	
Toluene-d8 (S)	101	%	70-130		2.5		07/09/18 16:24	2037-26-5	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40171765

QC Batch: 293361 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 40171765001, 40171765002, 40171765003, 40171765004, 40171765005, 40171765006, 40171765007, 40171765008, 40171765009, 40171765010, 40171765011, 40171765012, 40171765013

METHOD BLANK: 1716203 Matrix: Water  
Associated Lab Samples: 40171765001, 40171765002, 40171765003, 40171765004, 40171765005, 40171765006, 40171765007, 40171765008, 40171765009, 40171765010, 40171765011, 40171765012, 40171765013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	07/09/18 13:32	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	07/09/18 13:32	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	07/09/18 13:32	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	07/09/18 13:32	
1,1-Dichloroethane	ug/L	<0.24	1.0	07/09/18 13:32	
1,1-Dichloroethene	ug/L	<0.41	1.0	07/09/18 13:32	
1,1-Dichloropropene	ug/L	<0.44	1.0	07/09/18 13:32	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	07/09/18 13:32	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	07/09/18 13:32	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	07/09/18 13:32	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	07/09/18 13:32	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	07/09/18 13:32	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	07/09/18 13:32	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	07/09/18 13:32	
1,2-Dichloroethane	ug/L	<0.17	1.0	07/09/18 13:32	
1,2-Dichloropropane	ug/L	<0.23	1.0	07/09/18 13:32	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	07/09/18 13:32	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	07/09/18 13:32	
1,3-Dichloropropane	ug/L	<0.50	1.0	07/09/18 13:32	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	07/09/18 13:32	
2,2-Dichloropropane	ug/L	<0.48	1.0	07/09/18 13:32	
2-Chlorotoluene	ug/L	<0.50	1.0	07/09/18 13:32	
4-Chlorotoluene	ug/L	<0.21	1.0	07/09/18 13:32	
Benzene	ug/L	<0.50	1.0	07/09/18 13:32	
Bromobenzene	ug/L	<0.23	1.0	07/09/18 13:32	
Bromochloromethane	ug/L	<0.34	1.0	07/09/18 13:32	
Bromodichloromethane	ug/L	<0.50	1.0	07/09/18 13:32	
Bromoform	ug/L	<0.50	1.0	07/09/18 13:32	
Bromomethane	ug/L	<2.4	5.0	07/09/18 13:32	
Carbon tetrachloride	ug/L	<0.50	1.0	07/09/18 13:32	
Chlorobenzene	ug/L	<0.50	1.0	07/09/18 13:32	
Chloroethane	ug/L	<0.37	1.0	07/09/18 13:32	
Chloroform	ug/L	<2.5	5.0	07/09/18 13:32	
Chloromethane	ug/L	<0.50	1.0	07/09/18 13:32	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	07/09/18 13:32	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	07/09/18 13:32	
Dibromochloromethane	ug/L	<0.50	1.0	07/09/18 13:32	
Dibromomethane	ug/L	<0.43	1.0	07/09/18 13:32	
Dichlorodifluoromethane	ug/L	<0.22	1.0	07/09/18 13:32	
Diisopropyl ether	ug/L	<0.50	1.0	07/09/18 13:32	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40171765

METHOD BLANK: 1716203

Matrix: Water

Associated Lab Samples: 40171765001, 40171765002, 40171765003, 40171765004, 40171765005, 40171765006, 40171765007, 40171765008, 40171765009, 40171765010, 40171765011, 40171765012, 40171765013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	07/09/18 13:32	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	07/09/18 13:32	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	07/09/18 13:32	
m&p-Xylene	ug/L	<1.0	2.0	07/09/18 13:32	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	07/09/18 13:32	
Methylene Chloride	ug/L	<0.23	1.0	07/09/18 13:32	
n-Butylbenzene	ug/L	<0.50	1.0	07/09/18 13:32	
n-Propylbenzene	ug/L	<0.50	1.0	07/09/18 13:32	
Naphthalene	ug/L	<2.5	5.0	07/09/18 13:32	
o-Xylene	ug/L	<0.50	1.0	07/09/18 13:32	
p-Isopropyltoluene	ug/L	<0.50	1.0	07/09/18 13:32	
sec-Butylbenzene	ug/L	<2.2	5.0	07/09/18 13:32	
Styrene	ug/L	<0.50	1.0	07/09/18 13:32	
tert-Butylbenzene	ug/L	<0.18	1.0	07/09/18 13:32	
Tetrachloroethene	ug/L	<0.50	1.0	07/09/18 13:32	
Toluene	ug/L	<0.50	1.0	07/09/18 13:32	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	07/09/18 13:32	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	07/09/18 13:32	
Trichloroethene	ug/L	<0.33	1.0	07/09/18 13:32	
Trichlorofluoromethane	ug/L	<0.18	1.0	07/09/18 13:32	
Vinyl chloride	ug/L	<0.18	1.0	07/09/18 13:32	
4-Bromofluorobenzene (S)	%	97	70-130	07/09/18 13:32	
Dibromofluoromethane (S)	%	100	70-130	07/09/18 13:32	
Toluene-d8 (S)	%	100	70-130	07/09/18 13:32	

LABORATORY CONTROL SAMPLE: 1716204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.6	111	70-133	
1,1,2,2-Tetrachloroethane	ug/L	50	54.1	108	67-130	
1,1,2-Trichloroethane	ug/L	50	52.5	105	70-130	
1,1-Dichloroethane	ug/L	50	56.7	113	70-134	
1,1-Dichloroethene	ug/L	50	58.0	116	75-132	
1,2,4-Trichlorobenzene	ug/L	50	54.0	108	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.5	105	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	53.0	106	70-130	
1,2-Dichlorobenzene	ug/L	50	54.2	108	70-130	
1,2-Dichloroethane	ug/L	50	55.2	110	73-134	
1,2-Dichloropropane	ug/L	50	52.4	105	79-128	
1,3-Dichlorobenzene	ug/L	50	53.5	107	70-130	
1,4-Dichlorobenzene	ug/L	50	52.1	104	70-130	
Benzene	ug/L	50	55.5	111	69-137	
Bromodichloromethane	ug/L	50	53.2	106	70-130	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40171765

LABORATORY CONTROL SAMPLE: 1716204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	45.2	90	64-133	
Bromomethane	ug/L	50	38.6	77	29-123	
Carbon tetrachloride	ug/L	50	53.7	107	73-142	
Chlorobenzene	ug/L	50	53.4	107	70-130	
Chloroethane	ug/L	50	52.1	104	59-133	
Chloroform	ug/L	50	52.1	104	80-129	
Chloromethane	ug/L	50	52.8	106	27-125	
cis-1,2-Dichloroethene	ug/L	50	54.5	109	70-134	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	70-130	
Dibromochloromethane	ug/L	50	50.7	101	70-130	
Dichlorodifluoromethane	ug/L	50	43.0	86	12-127	
Ethylbenzene	ug/L	50	57.9	116	86-127	
Isopropylbenzene (Cumene)	ug/L	50	59.1	118	70-130	
m&p-Xylene	ug/L	100	115	115	70-131	
Methyl-tert-butyl ether	ug/L	50	51.6	103	65-136	
Methylene Chloride	ug/L	50	56.9	114	72-133	
o-Xylene	ug/L	50	57.2	114	70-130	
Styrene	ug/L	50	58.0	116	70-130	
Tetrachloroethene	ug/L	50	49.3	99	70-130	
Toluene	ug/L	50	54.2	108	84-124	
trans-1,2-Dichloroethene	ug/L	50	57.2	114	70-133	
trans-1,3-Dichloropropene	ug/L	50	53.4	107	67-130	
Trichloroethene	ug/L	50	53.3	107	70-130	
Trichlorofluoromethane	ug/L	50	61.2	122	69-147	
Vinyl chloride	ug/L	50	55.9	112	48-134	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1716849 1716850

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40171765001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<0.50	50	50	52.8	55.7	106	111	70-136	5	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	53.3	53.7	107	107	67-133	1	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	51.9	52.3	104	105	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	53.2	55.3	106	111	70-139	4	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	54.6	56.1	109	112	72-137	3	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	53.2	52.0	106	104	68-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	50.3	51.1	101	102	60-130	2	21	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	52.1	52.2	104	104	70-130	0	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	53.3	52.6	107	105	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	52.8	56.4	106	113	71-137	7	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	50.8	50.6	102	101	78-130	0	20	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40171765

Parameter	Units	40171765001		1716849		1716850		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
1,3-Dichlorobenzene	ug/L	<0.50	50	50	53.4	52.3	107	105	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.50	50	50	51.1	51.8	102	104	70-130	1	20		
Benzene	ug/L	<0.50	50	50	53.3	55.8	107	112	66-143	5	20		
Bromodichloromethane	ug/L	4.1	50	50	57.9	56.6	108	105	70-130	2	20		
Bromoform	ug/L	<0.50	50	50	44.2	44.9	88	90	64-134	2	20		
Bromomethane	ug/L	<2.4	50	50	39.0	41.3	78	83	29-136	6	25		
Carbon tetrachloride	ug/L	<0.50	50	50	51.9	54.2	104	108	73-142	4	20		
Chlorobenzene	ug/L	<0.50	50	50	51.7	52.4	103	105	70-130	1	20		
Chloroethane	ug/L	<0.37	50	50	49.6	52.3	99	105	58-138	5	20		
Chloroform	ug/L	44.1	50	50	93.9	95.6	99	103	80-131	2	20		
Chloromethane	ug/L	<0.50	50	50	47.1	48.7	94	97	24-125	3	20		
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	51.9	54.0	104	108	68-137	4	22		
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	53.3	52.3	107	105	70-130	2	20		
Dibromochloromethane	ug/L	0.50J	50	50	50.6	51.4	100	102	70-131	2	20		
Dichlorodifluoromethane	ug/L	<0.22	50	50	40.4	42.0	81	84	10-127	4	20		
Ethylbenzene	ug/L	<0.50	50	50	56.3	56.5	113	113	81-136	0	20		
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	57.9	58.0	116	116	70-132	0	20		
m&p-Xylene	ug/L	<1.0	100	100	113	112	113	112	70-135	1	20		
Methyl-tert-butyl ether	ug/L	<0.17	50	50	49.5	51.3	99	103	58-142	4	23		
Methylene Chloride	ug/L	<0.23	50	50	53.4	55.7	107	111	69-137	4	20		
o-Xylene	ug/L	<0.50	50	50	57.0	57.1	114	114	70-132	0	20		
Styrene	ug/L	<0.50	50	50	57.4	57.2	115	114	70-130	0	20		
Tetrachloroethene	ug/L	19.1	50	50	69.5	65.8	101	93	70-132	6	20		
Toluene	ug/L	<0.50	50	50	52.4	52.3	105	105	81-130	0	20		
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	53.7	55.4	107	111	70-136	3	20		
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	52.1	51.5	104	103	67-130	1	20		
Trichloroethene	ug/L	0.47J	50	50	53.1	52.8	105	105	70-131	0	20		
Trichlorofluoromethane	ug/L	<0.18	50	50	57.3	59.0	115	118	66-150	3	20		
Vinyl chloride	ug/L	<0.18	50	50	52.3	54.2	105	108	46-134	3	20		
4-Bromofluorobenzene (S)	%						103	102	70-130				
Dibromofluoromethane (S)	%						99	103	70-130				
Toluene-d8 (S)	%						100	99	70-130				

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## QUALIFIERS

Project: 1933B NORMINGTON

Pace Project No.: 40171765

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### 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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1933B NORMINGTON

Pace Project No.: 40171765

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40171765001	CPZ4R	EPA 8260	293361		
40171765002	CPZ5	EPA 8260	293361		
40171765003	CPZ6	EPA 8260	293361		
40171765004	PZWR2	EPA 8260	293361		
40171765005	CPZ7	EPA 8260	293361		
40171765006	CPZ8	EPA 8260	293361		
40171765007	MW-2R	EPA 8260	293361		
40171765008	CPZ9	EPA 8260	293361		
40171765009	CPZ10	EPA 8260	293361		
40171765010	CPZ11	EPA 8260	293361		
40171765011	CPZ12	EPA 8260	293361		
40171765012	CPZ13	EPA 8260	293361		
40171765013	CPZ14	EPA 8260	293361		

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**UPPER MIDWEST REGION**

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



**CHAIN OF CUSTODY**

Preservation Codes:  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)

PRESERVATION (CODE)

Regulatory Program:

**Data Package Options**  
 EPA Level III  
 EPA Level IV  
**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample  
**Matrix Codes**  
 W = Water  
 DW = Drinking Water  
 GW = Ground Water  
 C = Charcoal  
 O = Oil  
 S = Soil  
 SI = Sludge  
 WP = Wipe

COLLECTION DATE TIME MATRIX

PACE LAB #	CLIENT FIELD ID	DATE	TIME	MATRIX
001	CP24R	6/27/18	8:50	GW
002	CP25		1:10	
003	CP26		11:10	
004	PZWR2		1:40	
005	CP27		18:05	
006	CP28		12:45	
007	MWDR		3:15	
008	CP29		12:00	
009	CP210		11:35	
010	CP211		10:45	
011	CP212		9:05	
012	CP213		8:45	
013	CP214		8:15	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:  
 Email #2:  
 Telephone:  
 Fax:

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

Quote #:  
 Mail To Contact: Andy DeFege  
 Mail To Company: REI  
 Mail To Address: AndyDeFege@reivest.com  
 Invoice To Contact: SJA  
 Invoice To Company:  
 Invoice To Address:  
 Invoice To Phone:  
 CLIENT COMMENTS (Lab Use Only)  
 PROFILE #

PACE Project No. 40171765  
 Receipt Temp = RA °C  
 Sample Receipt pH OK / Adjusted  
 Cooler Custody Seal Present / Not Present Intact / Not Intact

Relinquished By: [Signature] Date/Time: 6/28/18-3:30  
 Relinquished By: [Signature] Date/Time: 6/28/18 09:05  
 Relinquished By: [Signature] Date/Time:  
 Relinquished By: [Signature] Date/Time:

## Sample Preservation Receipt Form

Client Name: REI

Project # 40171765

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

Initial when completed: \_\_\_\_\_  
 Date/ Time: \_\_\_\_\_

Lab Lot# of pH paper: \_\_\_\_\_

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


Pace Lab #	Glass			Plastic							Vials				Jars		General		VOA Vials (>6mm) *	H <sub>2</sub> SO <sub>4</sub> pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO <sub>3</sub> pH ≤2	pH after adjusted	Volume (mL)									
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H								VG9M	VG9D	JG9U	WGFU	WPFU	SP5T	ZPLC	GN	
001																																		2.5 / 5 / 10
002																																		2.5 / 5 / 10
003																																		2.5 / 5 / 10
004																																		2.5 / 5 / 10
005																																		2.5 / 5 / 10
006																																		2.5 / 5 / 10
007																																		2.5 / 5 / 10
008																																		2.5 / 5 / 10
009																																		2.5 / 5 / 10
010																																		2.5 / 5 / 10
011																																		2.5 / 5 / 10
012																																		2.5 / 5 / 10
013																																		2.5 / 5 / 10
014																																		2.5 / 5 / 10
015																																		2.5 / 5 / 10
016																																		2.5 / 5 / 10
017																																		2.5 / 5 / 10
018																																		2.5 / 5 / 10
019																																		2.5 / 5 / 10
020																																		2.5 / 5 / 10

Exceptions to preservation check **VOA**, **D**, **glu form**, **TOC**, **TOH**, **O&G**, **WI DRO**, **Phenolics**, **Other**: \_\_\_\_\_

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

AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	WGFU	WPFU	SP5T	ZPLC	GN
1 liter amber glass	1 liter amber glass HCL	125 mL amber glass H <sub>2</sub> SO <sub>4</sub>	120 mL amber glass unpres	100 mL amber glass unpres	500 mL amber glass H <sub>2</sub> SO <sub>4</sub>	250 mL clear glass unpres	1 liter plastic unpres	500 mL plastic HNO <sub>3</sub>	500 mL plastic NaOH, Znact	250 mL plastic unpres	250 mL plastic NaOH	250 mL plastic HNO <sub>3</sub>	250 mL plastic H <sub>2</sub> SO <sub>4</sub>	40 mL amber ascorbic	40 mL amber Na Thio	40 mL clear vial unpres	40 mL clear vial HCL	40 mL clear vial MeOH	40 mL clear vial DI	4 oz amber jar unpres	4 oz clear jar unpres	4 oz plastic jar unpres	120 mL plastic Na Thiosulfate	ziploc bag	



 1241 Bellevue Street, Green Bay, WI 54302	Document Name: <b>Sample Condition Upon Receipt (SCUR)</b>	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

**Sample Condition Upon Receipt Form (SCUR)**

Project # **WO# : 40171765**

Client Name: REI

Courier:  CS Logistics  Fed Ex  Speedee  UPS  Waitco  
 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 - N/A Type of Ice:  Wet  Blue  Dry  None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: \_\_\_\_\_ / Corr: PJ

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

Person examining contents:  
 Date: 6/29/18  
 Initials: CH

Temp should be above freezing to 6°C.  
 Biota Samples may be received at ≤ 0°C.

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

**Client Notification/ Resolution:** \_\_\_\_\_ If checked, see attached form for additional comments   
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_

Project Manager Review: [Signature] Date: 6-29-18

July 18, 2018

Andy Delforge  
REI  
4080 North 20th Avenue  
Wausau, WI 54401

RE: Project: 1933 NORMINGTON  
Pace Project No.: 40172481

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on July 14, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1933 NORMINGTON

Pace Project No.: 40172481

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40172481001	CPZ11	Water	07/13/18 09:50	07/14/18 08:10
40172481002	CPZ12	Water	07/13/18 10:15	07/14/18 08:10
40172481003	CPZ10	Water	07/13/18 10:30	07/14/18 08:10
40172481004	CPZ13	Water	07/13/18 11:00	07/14/18 08:10
40172481005	CPZ14	Water	07/13/18 11:15	07/14/18 08:10
40172481006	CPZ9	Water	07/13/18 11:40	07/14/18 08:10
40172481007	CPZ4	Water	07/13/18 12:00	07/14/18 08:10

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### SAMPLE ANALYTE COUNT

Project: 1933 NORMINGTON

Pace Project No.: 40172481

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40172481001	CPZ11	EPA 8260	LAP	64	PASI-G
40172481002	CPZ12	EPA 8260	LAP	64	PASI-G
40172481003	CPZ10	EPA 8260	LAP	64	PASI-G
40172481004	CPZ13	EPA 8260	LAP	64	PASI-G
40172481005	CPZ14	EPA 8260	LAP	64	PASI-G
40172481006	CPZ9	EPA 8260	LAP	64	PASI-G
40172481007	CPZ4	EPA 8260	LAP	64	PASI-G

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

Sample: CPZ11 Lab ID: 40172481001 Collected: 07/13/18 09:50 Received: 07/14/18 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	0.74J	ug/L	1.0	0.50	1		07/17/18 16:56	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/17/18 16:56	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/17/18 16:56	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/17/18 16:56	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 16:56	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/17/18 16:56	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/17/18 16:56	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/17/18 16:56	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/17/18 16:56	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/17/18 16:56	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/17/18 16:56	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/17/18 16:56	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/17/18 16:56	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/17/18 16:56	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/17/18 16:56	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/17/18 16:56	75-35-4	
cis-1,2-Dichloroethene	2.3	ug/L	1.0	0.26	1		07/17/18 16:56	156-59-2	
trans-1,2-Dichloroethene	0.52J	ug/L	1.0	0.26	1		07/17/18 16:56	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/17/18 16:56	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/17/18 16:56	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/17/18 16:56	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/17/18 16:56	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/17/18 16:56	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/17/18 16:56	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/17/18 16:56	75-09-2	
Methyl-tert-butyl ether	3.5	ug/L	1.0	0.17	1		07/17/18 16:56	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/17/18 16:56	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/17/18 16:56	630-20-6	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ11**      **Lab ID: 40172481001**      Collected: 07/13/18 09:50      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/17/18 16:56	79-34-5	
Tetrachloroethene	11.2	ug/L	1.0	0.50	1		07/17/18 16:56	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/17/18 16:56	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 16:56	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/17/18 16:56	79-00-5	
Trichloroethene	16.8	ug/L	1.0	0.33	1		07/17/18 16:56	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/17/18 16:56	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/17/18 16:56	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/17/18 16:56	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:56	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		07/17/18 16:56	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		07/17/18 16:56	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/17/18 16:56	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ12**      **Lab ID: 40172481002**      Collected: 07/13/18 10:15      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/17/18 15:48	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/17/18 15:48	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/17/18 15:48	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 15:48	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/17/18 15:48	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/17/18 15:48	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/17/18 15:48	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/17/18 15:48	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/17/18 15:48	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/17/18 15:48	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/17/18 15:48	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/17/18 15:48	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/17/18 15:48	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/17/18 15:48	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/17/18 15:48	75-35-4	
cis-1,2-Dichloroethene	30.0	ug/L	1.0	0.26	1		07/17/18 15:48	156-59-2	
trans-1,2-Dichloroethene	44.9	ug/L	1.0	0.26	1		07/17/18 15:48	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/17/18 15:48	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/17/18 15:48	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/17/18 15:48	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/17/18 15:48	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/17/18 15:48	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/17/18 15:48	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/17/18 15:48	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/17/18 15:48	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/17/18 15:48	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/17/18 15:48	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ12**      **Lab ID: 40172481002**      Collected: 07/13/18 10:15      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/17/18 15:48	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/17/18 15:48	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 15:48	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/17/18 15:48	79-00-5	
Trichloroethene	46.6	ug/L	1.0	0.33	1		07/17/18 15:48	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/17/18 15:48	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/17/18 15:48	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/17/18 15:48	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/17/18 15:48	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		07/17/18 15:48	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		07/17/18 15:48	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		07/17/18 15:48	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ10**      **Lab ID: 40172481003**      Collected: 07/13/18 10:30      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/17/18 17:19	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/17/18 17:19	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/17/18 17:19	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 17:19	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/17/18 17:19	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/17/18 17:19	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/17/18 17:19	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/17/18 17:19	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/17/18 17:19	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/17/18 17:19	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/17/18 17:19	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/17/18 17:19	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/17/18 17:19	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/17/18 17:19	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/17/18 17:19	75-35-4	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.26	1		07/17/18 17:19	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/17/18 17:19	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/17/18 17:19	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/17/18 17:19	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/17/18 17:19	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/17/18 17:19	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/17/18 17:19	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/17/18 17:19	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/17/18 17:19	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/17/18 17:19	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/17/18 17:19	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/17/18 17:19	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ10**      **Lab ID: 40172481003**      Collected: 07/13/18 10:30      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/17/18 17:19	79-34-5	
Tetrachloroethene	19.0	ug/L	1.0	0.50	1		07/17/18 17:19	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/17/18 17:19	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 17:19	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/17/18 17:19	79-00-5	
Trichloroethene	29.8	ug/L	1.0	0.33	1		07/17/18 17:19	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/17/18 17:19	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/17/18 17:19	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/17/18 17:19	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:19	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		07/17/18 17:19	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		07/17/18 17:19	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		07/17/18 17:19	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ13**      **Lab ID: 40172481004**      Collected: 07/13/18 11:00      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<b>0.55J</b>	ug/L	1.0	0.50	1		07/17/18 17:41	71-43-2	
Bromobenzene	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		07/17/18 17:41	108-86-1	
Bromochloromethane	<b>&lt;0.34</b>	ug/L	1.0	0.34	1		07/17/18 17:41	74-97-5	
Bromodichloromethane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	75-27-4	
Bromoform	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	75-25-2	
Bromomethane	<b>&lt;2.4</b>	ug/L	5.0	2.4	1		07/17/18 17:41	74-83-9	
n-Butylbenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	104-51-8	
sec-Butylbenzene	<b>&lt;2.2</b>	ug/L	5.0	2.2	1		07/17/18 17:41	135-98-8	
tert-Butylbenzene	<b>&lt;0.18</b>	ug/L	1.0	0.18	1		07/17/18 17:41	98-06-6	
Carbon tetrachloride	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	56-23-5	
Chlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	108-90-7	
Chloroethane	<b>&lt;0.37</b>	ug/L	1.0	0.37	1		07/17/18 17:41	75-00-3	
Chloroform	<b>&lt;2.5</b>	ug/L	5.0	2.5	1		07/17/18 17:41	67-66-3	
Chloromethane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	74-87-3	
2-Chlorotoluene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	95-49-8	
4-Chlorotoluene	<b>&lt;0.21</b>	ug/L	1.0	0.21	1		07/17/18 17:41	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;2.2</b>	ug/L	5.0	2.2	1		07/17/18 17:41	96-12-8	
Dibromochloromethane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.18</b>	ug/L	1.0	0.18	1		07/17/18 17:41	106-93-4	
Dibromomethane	<b>&lt;0.43</b>	ug/L	1.0	0.43	1		07/17/18 17:41	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.22</b>	ug/L	1.0	0.22	1		07/17/18 17:41	75-71-8	
1,1-Dichloroethane	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		07/17/18 17:41	75-34-3	
1,2-Dichloroethane	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		07/17/18 17:41	107-06-2	
1,1-Dichloroethene	<b>&lt;0.41</b>	ug/L	1.0	0.41	1		07/17/18 17:41	75-35-4	
cis-1,2-Dichloroethene	<b>34.1</b>	ug/L	1.0	0.26	1		07/17/18 17:41	156-59-2	
trans-1,2-Dichloroethene	<b>51.1</b>	ug/L	1.0	0.26	1		07/17/18 17:41	156-60-5	
1,2-Dichloropropane	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		07/17/18 17:41	78-87-5	
1,3-Dichloropropane	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	142-28-9	
2,2-Dichloropropane	<b>&lt;0.48</b>	ug/L	1.0	0.48	1		07/17/18 17:41	594-20-7	
1,1-Dichloropropene	<b>&lt;0.44</b>	ug/L	1.0	0.44	1		07/17/18 17:41	563-58-6	
cis-1,3-Dichloropropene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		07/17/18 17:41	10061-02-6	
Diisopropyl ether	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	108-20-3	
Ethylbenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	100-41-4	
Hexachloro-1,3-butadiene	<b>&lt;2.1</b>	ug/L	5.0	2.1	1		07/17/18 17:41	87-68-3	
Isopropylbenzene (Cumene)	<b>&lt;0.14</b>	ug/L	1.0	0.14	1		07/17/18 17:41	98-82-8	
p-Isopropyltoluene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	99-87-6	
Methylene Chloride	<b>&lt;0.23</b>	ug/L	1.0	0.23	1		07/17/18 17:41	75-09-2	
Methyl-tert-butyl ether	<b>0.76J</b>	ug/L	1.0	0.17	1		07/17/18 17:41	1634-04-4	
Naphthalene	<b>&lt;2.5</b>	ug/L	5.0	2.5	1		07/17/18 17:41	91-20-3	
n-Propylbenzene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	103-65-1	
Styrene	<b>&lt;0.50</b>	ug/L	1.0	0.50	1		07/17/18 17:41	100-42-5	
1,1,1,2-Tetrachloroethane	<b>&lt;0.18</b>	ug/L	1.0	0.18	1		07/17/18 17:41	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ13**      **Lab ID: 40172481004**      Collected: 07/13/18 11:00      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/17/18 17:41	79-34-5	
Tetrachloroethene	14.4	ug/L	1.0	0.50	1		07/17/18 17:41	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:41	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/17/18 17:41	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 17:41	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/17/18 17:41	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/17/18 17:41	79-00-5	
Trichloroethene	40.5	ug/L	1.0	0.33	1		07/17/18 17:41	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/17/18 17:41	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 17:41	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:41	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:41	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/17/18 17:41	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/17/18 17:41	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/17/18 17:41	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		07/17/18 17:41	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		07/17/18 17:41	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/17/18 17:41	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ14**      **Lab ID: 40172481005**      Collected: 07/13/18 11:15      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	71-43-2	
Bromobenzene	<0.46	ug/L	2.0	0.46	2		07/17/18 16:11	108-86-1	
Bromochloromethane	<0.68	ug/L	2.0	0.68	2		07/17/18 16:11	74-97-5	
Bromodichloromethane	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	75-27-4	
Bromoform	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	75-25-2	
Bromomethane	<4.9	ug/L	10.0	4.9	2		07/17/18 16:11	74-83-9	
n-Butylbenzene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	104-51-8	
sec-Butylbenzene	<4.4	ug/L	10.0	4.4	2		07/17/18 16:11	135-98-8	
tert-Butylbenzene	<0.36	ug/L	2.0	0.36	2		07/17/18 16:11	98-06-6	
Carbon tetrachloride	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	56-23-5	
Chlorobenzene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	108-90-7	
Chloroethane	<0.75	ug/L	2.0	0.75	2		07/17/18 16:11	75-00-3	
Chloroform	<5.0	ug/L	10.0	5.0	2		07/17/18 16:11	67-66-3	
Chloromethane	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	74-87-3	
2-Chlorotoluene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	95-49-8	
4-Chlorotoluene	<0.43	ug/L	2.0	0.43	2		07/17/18 16:11	106-43-4	
1,2-Dibromo-3-chloropropane	<4.3	ug/L	10.0	4.3	2		07/17/18 16:11	96-12-8	
Dibromochloromethane	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.36	ug/L	2.0	0.36	2		07/17/18 16:11	106-93-4	
Dibromomethane	<0.85	ug/L	2.0	0.85	2		07/17/18 16:11	74-95-3	
1,2-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	95-50-1	
1,3-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	541-73-1	
1,4-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	106-46-7	
Dichlorodifluoromethane	<0.45	ug/L	2.0	0.45	2		07/17/18 16:11	75-71-8	
1,1-Dichloroethane	<0.48	ug/L	2.0	0.48	2		07/17/18 16:11	75-34-3	
1,2-Dichloroethane	<0.34	ug/L	2.0	0.34	2		07/17/18 16:11	107-06-2	
1,1-Dichloroethene	<0.82	ug/L	2.0	0.82	2		07/17/18 16:11	75-35-4	
cis-1,2-Dichloroethene	1.4J	ug/L	2.0	0.51	2		07/17/18 16:11	156-59-2	
trans-1,2-Dichloroethene	1.9J	ug/L	2.0	0.51	2		07/17/18 16:11	156-60-5	
1,2-Dichloropropane	<0.47	ug/L	2.0	0.47	2		07/17/18 16:11	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	142-28-9	
2,2-Dichloropropane	<0.97	ug/L	2.0	0.97	2		07/17/18 16:11	594-20-7	
1,1-Dichloropropene	<0.88	ug/L	2.0	0.88	2		07/17/18 16:11	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	10061-01-5	
trans-1,3-Dichloropropene	<0.46	ug/L	2.0	0.46	2		07/17/18 16:11	10061-02-6	
Diisopropyl ether	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	108-20-3	
Ethylbenzene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	100-41-4	
Hexachloro-1,3-butadiene	<4.2	ug/L	10.0	4.2	2		07/17/18 16:11	87-68-3	
Isopropylbenzene (Cumene)	<0.29	ug/L	2.0	0.29	2		07/17/18 16:11	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	99-87-6	
Methylene Chloride	<0.47	ug/L	2.0	0.47	2		07/17/18 16:11	75-09-2	
Methyl-tert-butyl ether	<0.35	ug/L	2.0	0.35	2		07/17/18 16:11	1634-04-4	
Naphthalene	<5.0	ug/L	10.0	5.0	2		07/17/18 16:11	91-20-3	
n-Propylbenzene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	103-65-1	
Styrene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	2.0	0.36	2		07/17/18 16:11	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ14**      **Lab ID: 40172481005**      Collected: 07/13/18 11:15      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.50	ug/L	2.0	0.50	2		07/17/18 16:11	79-34-5	
Tetrachloroethene	150	ug/L	2.0	1.0	2		07/17/18 16:11	127-18-4	
Toluene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	108-88-3	
1,2,3-Trichlorobenzene	<4.3	ug/L	10.0	4.3	2		07/17/18 16:11	87-61-6	
1,2,4-Trichlorobenzene	<4.4	ug/L	10.0	4.4	2		07/17/18 16:11	120-82-1	
1,1,1-Trichloroethane	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/L	2.0	0.39	2		07/17/18 16:11	79-00-5	
Trichloroethene	21.5	ug/L	2.0	0.66	2		07/17/18 16:11	79-01-6	
Trichlorofluoromethane	<0.37	ug/L	2.0	0.37	2		07/17/18 16:11	75-69-4	
1,2,3-Trichloropropane	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	108-67-8	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		07/17/18 16:11	75-01-4	
m&p-Xylene	<2.0	ug/L	4.0	2.0	2		07/17/18 16:11	179601-23-1	
o-Xylene	<1.0	ug/L	2.0	1.0	2		07/17/18 16:11	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		2		07/17/18 16:11	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		2		07/17/18 16:11	1868-53-7	
Toluene-d8 (S)	99	%	70-130		2		07/17/18 16:11	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ9**      **Lab ID: 40172481006**      Collected: 07/13/18 11:40      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/17/18 18:04	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/17/18 18:04	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/17/18 18:04	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 18:04	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/17/18 18:04	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/17/18 18:04	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		07/17/18 18:04	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/17/18 18:04	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/17/18 18:04	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/17/18 18:04	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/17/18 18:04	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/17/18 18:04	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/17/18 18:04	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/17/18 18:04	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/17/18 18:04	75-35-4	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	0.26	1		07/17/18 18:04	156-59-2	
trans-1,2-Dichloroethene	7.7	ug/L	1.0	0.26	1		07/17/18 18:04	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/17/18 18:04	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/17/18 18:04	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/17/18 18:04	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/17/18 18:04	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/17/18 18:04	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/17/18 18:04	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/17/18 18:04	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/17/18 18:04	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/17/18 18:04	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/17/18 18:04	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ9**      **Lab ID: 40172481006**      Collected: 07/13/18 11:40      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/17/18 18:04	79-34-5	
Tetrachloroethene	3.4	ug/L	1.0	0.50	1		07/17/18 18:04	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/17/18 18:04	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 18:04	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/17/18 18:04	79-00-5	
Trichloroethene	5.6	ug/L	1.0	0.33	1		07/17/18 18:04	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/17/18 18:04	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/17/18 18:04	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/17/18 18:04	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/17/18 18:04	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		07/17/18 18:04	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		07/17/18 18:04	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/17/18 18:04	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ4**      **Lab ID: 40172481007**      Collected: 07/13/18 12:00      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		07/17/18 16:33	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		07/17/18 16:33	74-97-5	
Bromodichloromethane	3.8	ug/L	1.0	0.50	1		07/17/18 16:33	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		07/17/18 16:33	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 16:33	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		07/17/18 16:33	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		07/17/18 16:33	75-00-3	
Chloroform	39.6	ug/L	5.0	2.5	1		07/17/18 16:33	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		07/17/18 16:33	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		07/17/18 16:33	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		07/17/18 16:33	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		07/17/18 16:33	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		07/17/18 16:33	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		07/17/18 16:33	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		07/17/18 16:33	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		07/17/18 16:33	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/17/18 16:33	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		07/17/18 16:33	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		07/17/18 16:33	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		07/17/18 16:33	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		07/17/18 16:33	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/17/18 16:33	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		07/17/18 16:33	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		07/17/18 16:33	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		07/17/18 16:33	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		07/17/18 16:33	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		07/17/18 16:33	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		07/17/18 16:33	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

**Sample: CPZ4**      **Lab ID: 40172481007**      Collected: 07/13/18 12:00      Received: 07/14/18 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		07/17/18 16:33	79-34-5	
Tetrachloroethene	127	ug/L	1.0	0.50	1		07/17/18 16:33	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		07/17/18 16:33	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		07/17/18 16:33	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		07/17/18 16:33	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		07/17/18 16:33	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		07/17/18 16:33	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/17/18 16:33	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		07/17/18 16:33	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		07/17/18 16:33	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		07/17/18 16:33	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		07/17/18 16:33	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/17/18 16:33	2037-26-5	

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON  
Pace Project No.: 40172481

QC Batch: 294556 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 40172481001, 40172481002, 40172481003, 40172481004, 40172481005, 40172481006, 40172481007

METHOD BLANK: 1722540 Matrix: Water  
Associated Lab Samples: 40172481001, 40172481002, 40172481003, 40172481004, 40172481005, 40172481006, 40172481007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	07/17/18 13:03	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	07/17/18 13:03	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	07/17/18 13:03	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	07/17/18 13:03	
1,1-Dichloroethane	ug/L	<0.24	1.0	07/17/18 13:03	
1,1-Dichloroethene	ug/L	<0.41	1.0	07/17/18 13:03	
1,1-Dichloropropene	ug/L	<0.44	1.0	07/17/18 13:03	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	07/17/18 13:03	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	07/17/18 13:03	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	07/17/18 13:03	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	07/17/18 13:03	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	07/17/18 13:03	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	07/17/18 13:03	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	07/17/18 13:03	
1,2-Dichloroethane	ug/L	<0.17	1.0	07/17/18 13:03	
1,2-Dichloropropane	ug/L	<0.23	1.0	07/17/18 13:03	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	07/17/18 13:03	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	07/17/18 13:03	
1,3-Dichloropropane	ug/L	<0.50	1.0	07/17/18 13:03	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	07/17/18 13:03	
2,2-Dichloropropane	ug/L	<0.48	1.0	07/17/18 13:03	
2-Chlorotoluene	ug/L	<0.50	1.0	07/17/18 13:03	
4-Chlorotoluene	ug/L	<0.21	1.0	07/17/18 13:03	
Benzene	ug/L	<0.50	1.0	07/17/18 13:03	
Bromobenzene	ug/L	<0.23	1.0	07/17/18 13:03	
Bromochloromethane	ug/L	<0.34	1.0	07/17/18 13:03	
Bromodichloromethane	ug/L	<0.50	1.0	07/17/18 13:03	
Bromoform	ug/L	<0.50	1.0	07/17/18 13:03	
Bromomethane	ug/L	<2.4	5.0	07/17/18 13:03	
Carbon tetrachloride	ug/L	<0.50	1.0	07/17/18 13:03	
Chlorobenzene	ug/L	<0.50	1.0	07/17/18 13:03	
Chloroethane	ug/L	<0.37	1.0	07/17/18 13:03	
Chloroform	ug/L	<2.5	5.0	07/17/18 13:03	
Chloromethane	ug/L	<0.50	1.0	07/17/18 13:03	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	07/17/18 13:03	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	07/17/18 13:03	
Dibromochloromethane	ug/L	<0.50	1.0	07/17/18 13:03	
Dibromomethane	ug/L	<0.43	1.0	07/17/18 13:03	
Dichlorodifluoromethane	ug/L	<0.22	1.0	07/17/18 13:03	
Diisopropyl ether	ug/L	<0.50	1.0	07/17/18 13:03	
Ethylbenzene	ug/L	<0.50	1.0	07/17/18 13:03	

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON

Pace Project No.: 40172481

METHOD BLANK: 1722540

Matrix: Water

Associated Lab Samples: 40172481001, 40172481002, 40172481003, 40172481004, 40172481005, 40172481006, 40172481007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	07/17/18 13:03	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	07/17/18 13:03	
m&p-Xylene	ug/L	<1.0	2.0	07/17/18 13:03	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	07/17/18 13:03	
Methylene Chloride	ug/L	<0.23	1.0	07/17/18 13:03	
n-Butylbenzene	ug/L	<0.50	1.0	07/17/18 13:03	
n-Propylbenzene	ug/L	<0.50	1.0	07/17/18 13:03	
Naphthalene	ug/L	<2.5	5.0	07/17/18 13:03	
o-Xylene	ug/L	<0.50	1.0	07/17/18 13:03	
p-Isopropyltoluene	ug/L	<0.50	1.0	07/17/18 13:03	
sec-Butylbenzene	ug/L	<2.2	5.0	07/17/18 13:03	
Styrene	ug/L	<0.50	1.0	07/17/18 13:03	
tert-Butylbenzene	ug/L	<0.18	1.0	07/17/18 13:03	
Tetrachloroethene	ug/L	<0.50	1.0	07/17/18 13:03	
Toluene	ug/L	<0.50	1.0	07/17/18 13:03	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	07/17/18 13:03	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	07/17/18 13:03	
Trichloroethene	ug/L	<0.33	1.0	07/17/18 13:03	
Trichlorofluoromethane	ug/L	<0.18	1.0	07/17/18 13:03	
Vinyl chloride	ug/L	<0.18	1.0	07/17/18 13:03	
4-Bromofluorobenzene (S)	%	96	70-130	07/17/18 13:03	
Dibromofluoromethane (S)	%	103	70-130	07/17/18 13:03	
Toluene-d8 (S)	%	101	70-130	07/17/18 13:03	

LABORATORY CONTROL SAMPLE: 1722541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.5	105	70-133	
1,1,1,2-Tetrachloroethane	ug/L	50	51.0	102	67-130	
1,1,2-Trichloroethane	ug/L	50	54.7	109	70-130	
1,1-Dichloroethane	ug/L	50	54.4	109	70-134	
1,1-Dichloroethene	ug/L	50	55.4	111	75-132	
1,2,4-Trichlorobenzene	ug/L	50	54.6	109	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.0	102	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	53.6	107	70-130	
1,2-Dichlorobenzene	ug/L	50	54.0	108	70-130	
1,2-Dichloroethane	ug/L	50	51.8	104	73-134	
1,2-Dichloropropane	ug/L	50	54.4	109	79-128	
1,3-Dichlorobenzene	ug/L	50	54.7	109	70-130	
1,4-Dichlorobenzene	ug/L	50	54.8	110	70-130	
Benzene	ug/L	50	53.7	107	69-137	
Bromodichloromethane	ug/L	50	50.9	102	70-130	
Bromoform	ug/L	50	52.7	105	64-133	
Bromomethane	ug/L	50	26.6	53	29-123	

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON  
Pace Project No.: 40172481

LABORATORY CONTROL SAMPLE: 1722541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	54.0	108	73-142	
Chlorobenzene	ug/L	50	55.8	112	70-130	
Chloroethane	ug/L	50	54.2	108	59-133	
Chloroform	ug/L	50	52.1	104	80-129	
Chloromethane	ug/L	50	37.3	75	27-125	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	70-134	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	70-130	
Dibromochloromethane	ug/L	50	54.7	109	70-130	
Dichlorodifluoromethane	ug/L	50	31.7	63	12-127	
Ethylbenzene	ug/L	50	56.8	114	86-127	
Isopropylbenzene (Cumene)	ug/L	50	59.4	119	70-130	
m&p-Xylene	ug/L	100	119	119	70-131	
Methyl-tert-butyl ether	ug/L	50	46.7	93	65-136	
Methylene Chloride	ug/L	50	53.5	107	72-133	
o-Xylene	ug/L	50	59.3	119	70-130	
Styrene	ug/L	50	58.3	117	70-130	
Tetrachloroethene	ug/L	50	56.6	113	70-130	
Toluene	ug/L	50	55.2	110	84-124	
trans-1,2-Dichloroethene	ug/L	50	54.0	108	70-133	
trans-1,3-Dichloropropene	ug/L	50	54.1	108	67-130	
Trichloroethene	ug/L	50	53.8	108	70-130	
Trichlorofluoromethane	ug/L	50	53.6	107	69-147	
Vinyl chloride	ug/L	50	49.2	98	48-134	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1723617 1723618

Parameter	Units	40172481002		MSD		MSD		% Rec	% Rec	% Rec	Max	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec					
1,1,1-Trichloroethane	ug/L	<0.50	50	50	50.0	47.1	100	94	70-136	6	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	50.8	52.7	102	105	67-133	4	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	50.8	50.3	102	101	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	50.8	49.1	102	98	70-139	4	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	52.6	51.8	105	103	72-137	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	53.1	51.6	106	103	68-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	49.1	50.9	98	102	60-130	4	21	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	50.1	51.2	100	102	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.3	49.8	105	100	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	48.9	49.9	98	100	71-137	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	53.2	50.8	106	102	78-130	5	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.1	48.4	104	97	70-130	7	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	51.5	49.5	103	99	70-130	4	20	

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON

Pace Project No.: 40172481

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1723617		1723618		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40172481002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzene	ug/L	<0.50	50	50	50.1	48.0	100	96	66-143	4	20		
Bromodichloromethane	ug/L	<0.50	50	50	48.7	46.9	97	94	70-130	4	20		
Bromoform	ug/L	<0.50	50	50	51.2	50.8	102	102	64-134	1	20		
Bromomethane	ug/L	<2.4	50	50	27.9	29.8	56	60	29-136	7	25		
Carbon tetrachloride	ug/L	<0.50	50	50	50.8	48.3	102	97	73-142	5	20		
Chlorobenzene	ug/L	<0.50	50	50	53.0	49.5	106	99	70-130	7	20		
Chloroethane	ug/L	<0.37	50	50	51.2	47.6	102	95	58-138	7	20		
Chloroform	ug/L	<2.5	50	50	46.5	47.8	93	96	80-131	3	20		
Chloromethane	ug/L	<0.50	50	50	34.8	34.5	70	69	24-125	1	20		
cis-1,2-Dichloroethene	ug/L	30.0	50	50	76.4	74.0	93	88	68-137	3	22		
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	51.2	48.8	102	98	70-130	5	20		
Dibromochloromethane	ug/L	<0.50	50	50	51.6	50.7	103	101	70-131	2	20		
Dichlorodifluoromethane	ug/L	<0.22	50	50	30.7	28.7	61	57	10-127	7	20		
Ethylbenzene	ug/L	<0.50	50	50	53.6	48.6	107	97	81-136	10	20		
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	54.9	49.9	110	100	70-132	10	20		
m&p-Xylene	ug/L	<1.0	100	100	108	99.5	108	99	70-135	9	20		
Methyl-tert-butyl ether	ug/L	<0.17	50	50	44.9	46.9	90	94	58-142	4	23		
Methylene Chloride	ug/L	<0.23	50	50	48.8	49.6	98	99	69-137	2	20		
o-Xylene	ug/L	<0.50	50	50	55.2	50.1	110	100	70-132	10	20		
Styrene	ug/L	<0.50	50	50	54.9	50.5	110	101	70-130	8	20		
Tetrachloroethene	ug/L	<0.50	50	50	54.2	49.2	108	98	70-132	10	20		
Toluene	ug/L	<0.50	50	50	53.1	49.3	106	99	81-130	7	20		
trans-1,2-Dichloroethene	ug/L	44.9	50	50	93.7	90.1	98	90	70-136	4	20		
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	52.1	51.6	104	103	67-130	1	20		
Trichloroethene	ug/L	46.6	50	50	96.9	91.1	101	89	70-131	6	20		
Trichlorofluoromethane	ug/L	<0.18	50	50	52.0	49.4	104	99	66-150	5	20		
Vinyl chloride	ug/L	<0.18	50	50	46.7	44.9	93	90	46-134	4	20		
4-Bromofluorobenzene (S)	%						97	97	70-130				
Dibromofluoromethane (S)	%						99	98	70-130				
Toluene-d8 (S)	%						102	101	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

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## QUALIFIERS

Project: 1933 NORMINGTON

Pace Project No.: 40172481

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### 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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 1933 NORMINGTON

Pace Project No.: 40172481

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40172481001	CPZ11	EPA 8260	294556		
40172481002	CPZ12	EPA 8260	294556		
40172481003	CPZ10	EPA 8260	294556		
40172481004	CPZ13	EPA 8260	294556		
40172481005	CPZ14	EPA 8260	294556		
40172481006	CPZ9	EPA 8260	294556		
40172481007	CPZ4	EPA 8260	294556		

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**Sample Condition Upon Receipt Form (SCUR)**

**Client Name:** REI

Project #: \_\_\_\_\_  
**WO# : 40172481**

**Courier:**  CS Logistics  Fed Ex  Speedee  UPS  Walco  
 Client  Pace Other: \_\_\_\_\_



**Tracking #:** 1774538-1

**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 - N/A    **Type of Ice:** Wet Blue Dry None     Samples on ice, cooling process has begun

**Cooler Temperature**    Uncorr: Roy / Corr: \_\_\_\_\_

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

**Person examining contents:**  
Date: 7/14/15  
Initials: [Signature]

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

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

**Client Notification/ Resolution:** \_\_\_\_\_ If checked, see attached form for additional comments   
Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Comments/ Resolution: \_\_\_\_\_

**Project Manager Review:** [Signature] Date: 7/16/15

August 22, 2018

Andy Delforge  
REI  
4080 North 20th Avenue  
Wausau, WI 54401

RE: Project: 1933B NORMINGTON  
Pace Project No.: 40174279

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on August 18, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933B NORMINGTON

Pace Project No.: 40174279

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1933B NORMINGTON

Pace Project No.: 40174279

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40174279001	WELL W.	Water	08/15/18 11:15	08/18/18 08:25
40174279002	WELL E.	Water	08/15/18 11:20	08/18/18 08:25

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1933B NORMINGTON

Pace Project No.: 40174279

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40174279001	WELL W.	EPA 8260	LAP	64	PASI-G
40174279002	WELL E.	EPA 8260	LAP	64	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40174279

**Sample: WELL W.** Lab ID: 40174279001 Collected: 08/15/18 11:15 Received: 08/18/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/21/18 16:42	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/21/18 16:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/21/18 16:42	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/21/18 16:42	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/21/18 16:42	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/21/18 16:42	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/21/18 16:42	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/21/18 16:42	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/21/18 16:42	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/21/18 16:42	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/21/18 16:42	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/21/18 16:42	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/21/18 16:42	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/21/18 16:42	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/21/18 16:42	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/21/18 16:42	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/21/18 16:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/21/18 16:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/21/18 16:42	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/21/18 16:42	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/21/18 16:42	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/21/18 16:42	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/21/18 16:42	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/21/18 16:42	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/21/18 16:42	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/21/18 16:42	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/21/18 16:42	75-35-4	
cis-1,2-Dichloroethene	8.7	ug/L	1.0	0.27	1		08/21/18 16:42	156-59-2	
trans-1,2-Dichloroethene	10.1	ug/L	3.6	1.1	1		08/21/18 16:42	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/21/18 16:42	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/21/18 16:42	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/21/18 16:42	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/21/18 16:42	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/21/18 16:42	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/21/18 16:42	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/21/18 16:42	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/21/18 16:42	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/21/18 16:42	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	2.7	0.39	1		08/21/18 16:42	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/21/18 16:42	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/21/18 16:42	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/21/18 16:42	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/21/18 16:42	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/21/18 16:42	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/21/18 16:42	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/21/18 16:42	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON  
Pace Project No.: 40174279

**Sample: WELL W.**      **Lab ID: 40174279001**      Collected: 08/15/18 11:15      Received: 08/18/18 08:25      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/21/18 16:42	79-34-5	
Tetrachloroethene	11.6	ug/L	1.1	0.33	1		08/21/18 16:42	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/21/18 16:42	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/21/18 16:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/21/18 16:42	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/21/18 16:42	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/21/18 16:42	79-00-5	
Trichloroethene	56.5	ug/L	1.0	0.26	1		08/21/18 16:42	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/21/18 16:42	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/21/18 16:42	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/21/18 16:42	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/21/18 16:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/21/18 16:42	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/21/18 16:42	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/21/18 16:42	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	87	%	70-130		1		08/21/18 16:42	460-00-4	
Dibromofluoromethane (S)	118	%	70-130		1		08/21/18 16:42	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		08/21/18 16:42	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40174279

**Sample: WELL E.** Lab ID: 40174279002 Collected: 08/15/18 11:20 Received: 08/18/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/21/18 13:45	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/21/18 13:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/21/18 13:45	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/21/18 13:45	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/21/18 13:45	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/21/18 13:45	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/21/18 13:45	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/21/18 13:45	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/21/18 13:45	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/21/18 13:45	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/21/18 13:45	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/21/18 13:45	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/21/18 13:45	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/21/18 13:45	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/21/18 13:45	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/21/18 13:45	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/21/18 13:45	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/21/18 13:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/21/18 13:45	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/21/18 13:45	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/21/18 13:45	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/21/18 13:45	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/21/18 13:45	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/21/18 13:45	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/21/18 13:45	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/21/18 13:45	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/21/18 13:45	75-35-4	
cis-1,2-Dichloroethene	8.6	ug/L	1.0	0.27	1		08/21/18 13:45	156-59-2	
trans-1,2-Dichloroethene	13.3	ug/L	3.6	1.1	1		08/21/18 13:45	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/21/18 13:45	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/21/18 13:45	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/21/18 13:45	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/21/18 13:45	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/21/18 13:45	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/21/18 13:45	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/21/18 13:45	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/21/18 13:45	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/21/18 13:45	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	2.7	0.39	1		08/21/18 13:45	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/21/18 13:45	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/21/18 13:45	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/21/18 13:45	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/21/18 13:45	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/21/18 13:45	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/21/18 13:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/21/18 13:45	630-20-6	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40174279

**Sample: WELL E.**      **Lab ID: 40174279002**      Collected: 08/15/18 11:20      Received: 08/18/18 08:25      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/21/18 13:45	79-34-5	
Tetrachloroethene	29.2	ug/L	1.1	0.33	1		08/21/18 13:45	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/21/18 13:45	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/21/18 13:45	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/21/18 13:45	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/21/18 13:45	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/21/18 13:45	79-00-5	
Trichloroethene	77.7	ug/L	1.0	0.26	1		08/21/18 13:45	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/21/18 13:45	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/21/18 13:45	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/21/18 13:45	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/21/18 13:45	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/21/18 13:45	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/21/18 13:45	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/21/18 13:45	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	86	%	70-130		1		08/21/18 13:45	460-00-4	
Dibromofluoromethane (S)	119	%	70-130		1		08/21/18 13:45	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		08/21/18 13:45	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40174279

QC Batch: 297655 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 40174279001, 40174279002

METHOD BLANK: 1738619 Matrix: Water

Associated Lab Samples: 40174279001, 40174279002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	08/21/18 09:19	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	08/21/18 09:19	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	08/21/18 09:19	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	08/21/18 09:19	
1,1-Dichloroethane	ug/L	<0.27	1.0	08/21/18 09:19	
1,1-Dichloroethene	ug/L	<0.24	1.0	08/21/18 09:19	
1,1-Dichloropropene	ug/L	<0.54	1.8	08/21/18 09:19	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	08/21/18 09:19	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	08/21/18 09:19	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/21/18 09:19	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	08/21/18 09:19	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	08/21/18 09:19	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	08/21/18 09:19	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	08/21/18 09:19	
1,2-Dichloroethane	ug/L	<0.28	1.0	08/21/18 09:19	
1,2-Dichloropropane	ug/L	<0.28	1.0	08/21/18 09:19	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	08/21/18 09:19	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	08/21/18 09:19	
1,3-Dichloropropane	ug/L	<0.83	2.8	08/21/18 09:19	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	08/21/18 09:19	
2,2-Dichloropropane	ug/L	<2.3	7.6	08/21/18 09:19	
2-Chlorotoluene	ug/L	<0.93	5.0	08/21/18 09:19	
4-Chlorotoluene	ug/L	<0.76	2.5	08/21/18 09:19	
Benzene	ug/L	<0.25	1.0	08/21/18 09:19	
Bromobenzene	ug/L	<0.24	1.0	08/21/18 09:19	
Bromochloromethane	ug/L	<0.36	5.0	08/21/18 09:19	
Bromodichloromethane	ug/L	<0.36	1.2	08/21/18 09:19	
Bromoform	ug/L	<4.0	13.2	08/21/18 09:19	
Bromomethane	ug/L	<0.97	5.0	08/21/18 09:19	
Carbon tetrachloride	ug/L	<0.17	1.0	08/21/18 09:19	
Chlorobenzene	ug/L	<0.71	2.4	08/21/18 09:19	
Chloroethane	ug/L	<1.3	5.0	08/21/18 09:19	
Chloroform	ug/L	<1.3	5.0	08/21/18 09:19	
Chloromethane	ug/L	<2.2	7.3	08/21/18 09:19	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	08/21/18 09:19	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	08/21/18 09:19	
Dibromochloromethane	ug/L	<2.6	8.7	08/21/18 09:19	
Dibromomethane	ug/L	<0.94	3.1	08/21/18 09:19	
Dichlorodifluoromethane	ug/L	<0.50	5.0	08/21/18 09:19	
Diisopropyl ether	ug/L	<1.9	6.3	08/21/18 09:19	
Ethylbenzene	ug/L	<0.22	1.0	08/21/18 09:19	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40174279

METHOD BLANK: 1738619

Matrix: Water

Associated Lab Samples: 40174279001, 40174279002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	08/21/18 09:19	
Isopropylbenzene (Cumene)	ug/L	<0.39	2.7	08/21/18 09:19	
m&p-Xylene	ug/L	<0.47	2.0	08/21/18 09:19	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	08/21/18 09:19	
Methylene Chloride	ug/L	<0.58	5.0	08/21/18 09:19	
n-Butylbenzene	ug/L	<0.71	2.4	08/21/18 09:19	
n-Propylbenzene	ug/L	<0.81	5.0	08/21/18 09:19	
Naphthalene	ug/L	<1.2	5.0	08/21/18 09:19	
o-Xylene	ug/L	<0.26	1.0	08/21/18 09:19	
p-Isopropyltoluene	ug/L	<0.80	2.7	08/21/18 09:19	
sec-Butylbenzene	ug/L	<0.85	5.0	08/21/18 09:19	
Styrene	ug/L	<0.47	1.6	08/21/18 09:19	
tert-Butylbenzene	ug/L	<0.30	1.0	08/21/18 09:19	
Tetrachloroethene	ug/L	<0.33	1.1	08/21/18 09:19	
Toluene	ug/L	<0.17	5.0	08/21/18 09:19	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	08/21/18 09:19	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	08/21/18 09:19	
Trichloroethene	ug/L	<0.26	1.0	08/21/18 09:19	
Trichlorofluoromethane	ug/L	<0.21	1.0	08/21/18 09:19	
Vinyl chloride	ug/L	<0.17	1.0	08/21/18 09:19	
4-Bromofluorobenzene (S)	%	86	70-130	08/21/18 09:19	
Dibromofluoromethane (S)	%	130	70-130	08/21/18 09:19	
Toluene-d8 (S)	%	92	70-130	08/21/18 09:19	

LABORATORY CONTROL SAMPLE: 1738620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	22.6	113	70-133	
1,1,2,2-Tetrachloroethane	ug/L	20	22.6	113	67-130	
1,1,2-Trichloroethane	ug/L	20	22.6	113	70-130	
1,1-Dichloroethane	ug/L	20	23.3	117	70-134	
1,1-Dichloroethene	ug/L	20	22.2	111	75-132	
1,2,4-Trichlorobenzene	ug/L	20	17.3	86	68-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.4	97	60-126	
1,2-Dibromoethane (EDB)	ug/L	20	19.7	99	70-130	
1,2-Dichlorobenzene	ug/L	20	19.9	100	70-130	
1,2-Dichloroethane	ug/L	20	20.7	104	73-134	
1,2-Dichloropropane	ug/L	20	24.8	124	79-128	
1,3-Dichlorobenzene	ug/L	20	19.6	98	70-130	
1,4-Dichlorobenzene	ug/L	20	21.7	109	70-130	
Benzene	ug/L	20	22.2	111	69-137	
Bromodichloromethane	ug/L	20	23.3	117	70-130	
Bromoform	ug/L	20	22.7	113	64-133	
Bromomethane	ug/L	20	12.3	61	29-123	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40174279

LABORATORY CONTROL SAMPLE: 1738620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	20	22.8	114	73-142	
Chlorobenzene	ug/L	20	21.2	106	70-130	
Chloroethane	ug/L	20	22.7	114	59-133	
Chloroform	ug/L	20	23.9	120	80-129	
Chloromethane	ug/L	20	15.0	75	27-125	
cis-1,2-Dichloroethene	ug/L	20	21.6	108	70-134	
cis-1,3-Dichloropropene	ug/L	20	20.5	103	70-130	
Dibromochloromethane	ug/L	20	21.3	107	70-130	
Dichlorodifluoromethane	ug/L	20	7.9	39	12-127	
Ethylbenzene	ug/L	20	18.8	94	86-127	
Isopropylbenzene (Cumene)	ug/L	20	20.0	100	70-130	
m&p-Xylene	ug/L	40	42.0	105	70-131	
Methyl-tert-butyl ether	ug/L	20	21.0	105	65-136	
Methylene Chloride	ug/L	20	23.4	117	72-133	
o-Xylene	ug/L	20	19.9	99	70-130	
Styrene	ug/L	20	20.2	101	70-130	
Tetrachloroethene	ug/L	20	20.5	103	70-130	
Toluene	ug/L	20	20.5	102	84-124	
trans-1,2-Dichloroethene	ug/L	20	23.1	115	70-133	
trans-1,3-Dichloropropene	ug/L	20	19.1	96	67-130	
Trichloroethene	ug/L	20	22.2	111	70-130	
Trichlorofluoromethane	ug/L	20	20.3	102	69-147	
Vinyl chloride	ug/L	20	17.4	87	48-134	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			115	70-130	
Toluene-d8 (S)	%			95	70-130	

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## QUALIFIERS

Project: 1933B NORMINGTON  
Pace Project No.: 40174279

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### 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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1933B NORMINGTON

Pace Project No.: 40174279

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<b>Lab ID</b>	<b>Sample ID</b>	<b>QC Batch Method</b>	<b>QC Batch</b>	<b>Analytical Method</b>	<b>Analytical Batch</b>
40174279001	WELL W.	EPA 8260	297655		
40174279002	WELL E.	EPA 8260	297655		

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UPPER MIDWEST REGION

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



**CHAIN OF CUSTODY**

\*Preservation Codes  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)

PRESERVATION (CODE)\*

Regulatory Program:

**Data Package Options**  
 EPA Level III  
 EPA Level IV

**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample

**Matrix Codes**  
 A = Air W = Water  
 B = Biota DW = Drinking Water  
 C = Charcoal GW = Ground Water  
 O = Oil SW = Surface Water  
 S = Soil WW = Waste Water  
 SI = Sludge WP = Wipe

**CLIENT FIELD ID**

COLLECTION DATE TIME MATRIX

Analyses Requested

PACE LAB #	DATE	TIME	MATRIX
001		11:15	GW
002		11:20	+

**Rush Turnaround Time Requested - Prelims**  
 (Rush TAT subject to approval/surcharge)

Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1: \_\_\_\_\_  
 Email #2: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 Fax: \_\_\_\_\_

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

Quote #:	
Mail To Contact:	AS
Mail To Company:	Bx
Mail To Address:	
Invoice To Contact:	AS
Invoice To Company:	PR
Invoice To Address:	
Invoice To Phone:	
CLIENT COMMENTS	
LAB COMMENTS (Lab Use Only)	

Received By:	Date/Time:
Received By:	Date/Time:
Received By:	Date/Time:
Received By:	Date/Time:
Received By:	Date/Time:

Relinquished By:	Date/Time:
Relinquished By:	Date/Time:
Relinquished By:	Date/Time:
Relinquished By:	Date/Time:
Relinquished By:	Date/Time:

PACE Project No.	
40174279	
Receipt Temp: Ro 1 °C	
Sample Receipt pH OK / Adjusted	
Cooler Custody Seal Present / Not Present Intact / Not Intact	

SSM

40174279

8/27/18 7:30a

8/18/18 0825

W. Walter

# Sample Preservation Receipt Form

Client Name: REA Project # 4074279

All containers needing preservation have been checked and noted below:  Yes  No

Lab Lot# of pH paper: \_\_\_\_\_ Lab Std #/ID of preservation (if pH adjusted): \_\_\_\_\_ Initial when completed: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

Pace Lab #	Glass							Plastic							Vials							Jars			General			VOA Vials (>6mm) *	H2SO4 pH <2	NaOH+Zn Act pH <9	NaOH pH <12	HNO3 pH <2	pH after adjusted	Volume (mL)	
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	AG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN									
001																																		2.5/5/10	
002																																		2.5/5/10	
003																																		2.5/5/10	
004																																		2.5/5/10	
005																																		2.5/5/10	
006																																		2.5/5/10	
007																																		2.5/5/10	
008																																		2.5/5/10	
009																																		2.5/5/10	
010																																		2.5/5/10	
011																																		2.5/5/10	
012																																		2.5/5/10	
013																																		2.5/5/10	
014																																		2.5/5/10	
015																																		2.5/5/10	
016																																		2.5/5/10	
017																																		2.5/5/10	
018																																		2.5/5/10	
019																																		2.5/5/10	
020																																		2.5/5/10	

Exceptions to preservation check:  VOA Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: \_\_\_\_\_ Headspace in VOA Vials (>6mm):  Yes  No  N/A \*If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH		
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI		
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4				
						GN:	
						120 mL plastic Na Thiosulfate ziploc bag	

**Sample Condition Upon Receipt Form (SCUR)**

Project #: **WO# : 40174279**

Client Name: REI

Courier:  CS Logistics  Fed Ex  Speedee  UPS  **Waltco**  
 Client  Pace Other: \_\_\_\_\_



Tracking #: 1807421-1

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 - NA Type of Ice:  Wet  Blue  Dry  None

Samples on ice, cooling process has begun

Cooler Temperature Uncorr: \_\_\_\_\_ /Corr: ROI

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

Person examining contents:  
Date: 8/18/18  
Initials: TL

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>no pg #, no collect date 8/18/18</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <u>8/18/18 TL</u>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>collect date 8/18/18</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>8/18/18 TL</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

**Client Notification/ Resolution:** If checked, see attached form for additional comments   
Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Comments/ Resolution: \_\_\_\_\_

Project Manager Review: [Signature]

Date: 8-20-18

October 08, 2018

Andy Delforge  
REI  
4080 North 20th Avenue  
Wausau, WI 54401

RE: Project: 1933B NORMINGTON  
Pace Project No.: 40176897

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on October 03, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933B NORMINGTON

Pace Project No.: 40176897

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## SAMPLE SUMMARY

Project: 1933B NORMINGTON

Pace Project No.: 40176897

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40176897001	PZ-15	Water	10/01/18 12:55	10/03/18 09:20
40176897002	PZ-16	Water	10/01/18 13:40	10/03/18 09:20
40176897003	PZ-17	Water	10/01/18 11:45	10/03/18 09:20
40176897004	PZ-18	Water	10/01/18 12:20	10/03/18 09:20

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### SAMPLE ANALYTE COUNT

Project: 1933B NORMINGTON

Pace Project No.: 40176897

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40176897001	PZ-15	EPA 8260	LAP	64	PASI-G
40176897002	PZ-16	EPA 8260	LAP	64	PASI-G
40176897003	PZ-17	EPA 8260	LAP	64	PASI-G
40176897004	PZ-18	EPA 8260	LAP	64	PASI-G

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40176897

**Sample: PZ-15**      **Lab ID: 40176897001**      Collected: 10/01/18 12:55      Received: 10/03/18 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		10/05/18 14:15	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 14:15	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 14:15	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 14:15	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 14:15	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 14:15	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 14:15	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 14:15	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/05/18 14:15	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 14:15	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 14:15	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/05/18 14:15	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 14:15	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 14:15	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 14:15	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 14:15	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 14:15	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 14:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 14:15	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 14:15	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 14:15	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 14:15	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 14:15	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 14:15	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 14:15	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 14:15	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/05/18 14:15	75-35-4	
cis-1,2-Dichloroethene	31.9	ug/L	1.0	0.27	1		10/05/18 14:15	156-59-2	
trans-1,2-Dichloroethene	50.8	ug/L	3.6	1.1	1		10/05/18 14:15	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 14:15	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 14:15	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 14:15	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 14:15	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 14:15	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 14:15	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 14:15	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/05/18 14:15	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 14:15	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/05/18 14:15	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 14:15	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 14:15	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 14:15	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 14:15	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 14:15	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 14:15	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 14:15	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40176897

**Sample: PZ-15**      **Lab ID: 40176897001**      Collected: 10/01/18 12:55      Received: 10/03/18 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 14:15	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/05/18 14:15	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 14:15	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 14:15	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 14:15	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/05/18 14:15	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 14:15	79-00-5	
Trichloroethene	29.4	ug/L	1.0	0.26	1		10/05/18 14:15	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 14:15	75-69-4	L1
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 14:15	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 14:15	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 14:15	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/05/18 14:15	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 14:15	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 14:15	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/05/18 14:15	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/05/18 14:15	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		10/05/18 14:15	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40176897

**Sample: PZ-16**      **Lab ID: 40176897002**      Collected: 10/01/18 13:40      Received: 10/03/18 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		10/05/18 14:37	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 14:37	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 14:37	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 14:37	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 14:37	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 14:37	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 14:37	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 14:37	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/05/18 14:37	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 14:37	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 14:37	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/05/18 14:37	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 14:37	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 14:37	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 14:37	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 14:37	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 14:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 14:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 14:37	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 14:37	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 14:37	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 14:37	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 14:37	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 14:37	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 14:37	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 14:37	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/05/18 14:37	75-35-4	
cis-1,2-Dichloroethene	26.0	ug/L	1.0	0.27	1		10/05/18 14:37	156-59-2	
trans-1,2-Dichloroethene	38.7	ug/L	3.6	1.1	1		10/05/18 14:37	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 14:37	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 14:37	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 14:37	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 14:37	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 14:37	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 14:37	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 14:37	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/05/18 14:37	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 14:37	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/05/18 14:37	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 14:37	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 14:37	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 14:37	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 14:37	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 14:37	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 14:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 14:37	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40176897

**Sample: PZ-16**      **Lab ID: 40176897002**      Collected: 10/01/18 13:40      Received: 10/03/18 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 14:37	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/05/18 14:37	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 14:37	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 14:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 14:37	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/05/18 14:37	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 14:37	79-00-5	
Trichloroethene	31.7	ug/L	1.0	0.26	1		10/05/18 14:37	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 14:37	75-69-4	L1
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 14:37	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 14:37	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 14:37	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/05/18 14:37	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 14:37	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 14:37	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/05/18 14:37	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/05/18 14:37	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		10/05/18 14:37	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40176897

**Sample: PZ-17**      **Lab ID: 40176897003**      Collected: 10/01/18 11:45      Received: 10/03/18 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		10/05/18 15:00	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 15:00	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 15:00	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 15:00	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 15:00	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 15:00	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 15:00	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 15:00	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/05/18 15:00	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 15:00	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 15:00	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/05/18 15:00	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 15:00	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 15:00	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 15:00	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 15:00	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 15:00	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 15:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 15:00	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 15:00	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 15:00	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 15:00	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 15:00	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 15:00	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 15:00	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 15:00	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/05/18 15:00	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/05/18 15:00	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/05/18 15:00	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 15:00	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 15:00	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 15:00	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 15:00	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 15:00	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 15:00	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 15:00	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/05/18 15:00	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 15:00	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/05/18 15:00	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 15:00	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 15:00	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 15:00	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 15:00	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 15:00	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 15:00	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 15:00	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40176897

**Sample: PZ-17**      **Lab ID: 40176897003**      Collected: 10/01/18 11:45      Received: 10/03/18 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 15:00	79-34-5	
Tetrachloroethene	12.9	ug/L	1.1	0.33	1		10/05/18 15:00	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 15:00	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 15:00	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 15:00	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/05/18 15:00	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 15:00	79-00-5	
Trichloroethene	1.3	ug/L	1.0	0.26	1		10/05/18 15:00	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 15:00	75-69-4	L1
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 15:00	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 15:00	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 15:00	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/05/18 15:00	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 15:00	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 15:00	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/05/18 15:00	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		10/05/18 15:00	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		10/05/18 15:00	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40176897

**Sample: PZ-18**      **Lab ID: 40176897004**      Collected: 10/01/18 12:20      Received: 10/03/18 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		10/05/18 17:03	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 17:03	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 17:03	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 17:03	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 17:03	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 17:03	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 17:03	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 17:03	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/05/18 17:03	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 17:03	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 17:03	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/05/18 17:03	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 17:03	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 17:03	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 17:03	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 17:03	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 17:03	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 17:03	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 17:03	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 17:03	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 17:03	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 17:03	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 17:03	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 17:03	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 17:03	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 17:03	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/05/18 17:03	75-35-4	
cis-1,2-Dichloroethene	0.89J	ug/L	1.0	0.27	1		10/05/18 17:03	156-59-2	
trans-1,2-Dichloroethene	1.1J	ug/L	3.6	1.1	1		10/05/18 17:03	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 17:03	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 17:03	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 17:03	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 17:03	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 17:03	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 17:03	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 17:03	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/05/18 17:03	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 17:03	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/05/18 17:03	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 17:03	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 17:03	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 17:03	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 17:03	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 17:03	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 17:03	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 17:03	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON

Pace Project No.: 40176897

**Sample: PZ-18**      **Lab ID: 40176897004**      Collected: 10/01/18 12:20      Received: 10/03/18 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 17:03	79-34-5	
Tetrachloroethene	0.36J	ug/L	1.1	0.33	1		10/05/18 17:03	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 17:03	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 17:03	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 17:03	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/05/18 17:03	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 17:03	79-00-5	
Trichloroethene	1.3	ug/L	1.0	0.26	1		10/05/18 17:03	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 17:03	75-69-4	L1
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 17:03	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 17:03	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 17:03	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/05/18 17:03	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 17:03	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 17:03	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/05/18 17:03	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/05/18 17:03	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/05/18 17:03	2037-26-5	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40176897

QC Batch: 302208 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 40176897001, 40176897002, 40176897003, 40176897004

METHOD BLANK: 1764936 Matrix: Water  
Associated Lab Samples: 40176897001, 40176897002, 40176897003, 40176897004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	10/05/18 07:27	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	10/05/18 07:27	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	10/05/18 07:27	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	10/05/18 07:27	
1,1-Dichloroethane	ug/L	<0.27	1.0	10/05/18 07:27	
1,1-Dichloroethene	ug/L	<0.24	1.0	10/05/18 07:27	
1,1-Dichloropropene	ug/L	<0.54	1.8	10/05/18 07:27	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	10/05/18 07:27	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	10/05/18 07:27	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/05/18 07:27	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	10/05/18 07:27	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	10/05/18 07:27	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	10/05/18 07:27	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	10/05/18 07:27	
1,2-Dichloroethane	ug/L	<0.28	1.0	10/05/18 07:27	
1,2-Dichloropropane	ug/L	<0.28	1.0	10/05/18 07:27	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	10/05/18 07:27	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	10/05/18 07:27	
1,3-Dichloropropane	ug/L	<0.83	2.8	10/05/18 07:27	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	10/05/18 07:27	
2,2-Dichloropropane	ug/L	<2.3	7.6	10/05/18 07:27	
2-Chlorotoluene	ug/L	<0.93	5.0	10/05/18 07:27	
4-Chlorotoluene	ug/L	<0.76	2.5	10/05/18 07:27	
Benzene	ug/L	<0.25	1.0	10/05/18 07:27	
Bromobenzene	ug/L	<0.24	1.0	10/05/18 07:27	
Bromochloromethane	ug/L	<0.36	5.0	10/05/18 07:27	
Bromodichloromethane	ug/L	<0.36	1.2	10/05/18 07:27	
Bromoform	ug/L	<4.0	13.2	10/05/18 07:27	
Bromomethane	ug/L	<0.97	5.0	10/05/18 07:27	
Carbon tetrachloride	ug/L	<0.17	1.0	10/05/18 07:27	
Chlorobenzene	ug/L	<0.71	2.4	10/05/18 07:27	
Chloroethane	ug/L	<1.3	5.0	10/05/18 07:27	
Chloroform	ug/L	<1.3	5.0	10/05/18 07:27	
Chloromethane	ug/L	<2.2	7.3	10/05/18 07:27	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	10/05/18 07:27	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	10/05/18 07:27	
Dibromochloromethane	ug/L	<2.6	8.7	10/05/18 07:27	
Dibromomethane	ug/L	<0.94	3.1	10/05/18 07:27	
Dichlorodifluoromethane	ug/L	<0.50	5.0	10/05/18 07:27	
Diisopropyl ether	ug/L	<1.9	6.3	10/05/18 07:27	
Ethylbenzene	ug/L	<0.22	1.0	10/05/18 07:27	

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.

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON  
Pace Project No.: 40176897

METHOD BLANK: 1764936 Matrix: Water  
Associated Lab Samples: 40176897001, 40176897002, 40176897003, 40176897004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	10/05/18 07:27	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	10/05/18 07:27	
m&p-Xylene	ug/L	<0.47	2.0	10/05/18 07:27	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	10/05/18 07:27	
Methylene Chloride	ug/L	<0.58	5.0	10/05/18 07:27	
n-Butylbenzene	ug/L	<0.71	2.4	10/05/18 07:27	
n-Propylbenzene	ug/L	<0.81	5.0	10/05/18 07:27	
Naphthalene	ug/L	<1.2	5.0	10/05/18 07:27	
o-Xylene	ug/L	<0.26	1.0	10/05/18 07:27	
p-Isopropyltoluene	ug/L	<0.80	2.7	10/05/18 07:27	
sec-Butylbenzene	ug/L	<0.85	5.0	10/05/18 07:27	
Styrene	ug/L	<0.47	1.6	10/05/18 07:27	
tert-Butylbenzene	ug/L	<0.30	1.0	10/05/18 07:27	
Tetrachloroethene	ug/L	<0.33	1.1	10/05/18 07:27	
Toluene	ug/L	<0.17	5.0	10/05/18 07:27	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	10/05/18 07:27	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	10/05/18 07:27	
Trichloroethene	ug/L	<0.26	1.0	10/05/18 07:27	
Trichlorofluoromethane	ug/L	<0.21	1.0	10/05/18 07:27	
Vinyl chloride	ug/L	<0.17	1.0	10/05/18 07:27	
4-Bromofluorobenzene (S)	%	90	70-130	10/05/18 07:27	
Dibromofluoromethane (S)	%	111	70-130	10/05/18 07:27	
Toluene-d8 (S)	%	100	70-130	10/05/18 07:27	

LABORATORY CONTROL SAMPLE: 1764937

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	61.4	123	70-133	
1,1,2,2-Tetrachloroethane	ug/L	50	41.3	83	67-130	
1,1,2-Trichloroethane	ug/L	50	47.4	95	70-130	
1,1-Dichloroethane	ug/L	50	42.6	85	70-134	
1,1-Dichloroethene	ug/L	50	57.6	115	75-132	
1,2,4-Trichlorobenzene	ug/L	50	48.2	96	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.4	109	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	51.3	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,2-Dichloroethane	ug/L	50	58.7	117	73-134	
1,2-Dichloropropane	ug/L	50	44.3	89	79-128	
1,3-Dichlorobenzene	ug/L	50	51.3	103	70-130	
1,4-Dichlorobenzene	ug/L	50	53.7	107	70-130	
Benzene	ug/L	50	40.1	80	69-137	
Bromodichloromethane	ug/L	50	54.0	108	70-130	
Bromoform	ug/L	50	61.9	124	64-133	
Bromomethane	ug/L	50	29.1	58	29-123	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON

Pace Project No.: 40176897

LABORATORY CONTROL SAMPLE: 1764937

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	64.6	129	73-142	
Chlorobenzene	ug/L	50	54.6	109	70-130	
Chloroethane	ug/L	50	52.3	105	59-133	
Chloroform	ug/L	50	49.5	99	80-129	
Chloromethane	ug/L	50	28.6	57	27-125	
cis-1,2-Dichloroethene	ug/L	50	38.0	76	70-134	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	70-130	
Dibromochloromethane	ug/L	50	62.6	125	70-130	
Dichlorodifluoromethane	ug/L	50	36.7	73	12-127	
Ethylbenzene	ug/L	50	53.8	108	86-127	
Isopropylbenzene (Cumene)	ug/L	50	58.1	116	70-130	
m&p-Xylene	ug/L	100	116	116	70-131	
Methyl-tert-butyl ether	ug/L	50	46.8	94	65-136	
Methylene Chloride	ug/L	50	54.4	109	72-133	
o-Xylene	ug/L	50	55.9	112	70-130	
Styrene	ug/L	50	57.2	114	70-130	
Tetrachloroethene	ug/L	50	62.3	125	70-130	
Toluene	ug/L	50	54.3	109	84-124	
trans-1,2-Dichloroethene	ug/L	50	44.0	88	70-133	
trans-1,3-Dichloropropene	ug/L	50	57.3	115	67-130	
Trichloroethene	ug/L	50	51.2	102	70-130	
Trichlorofluoromethane	ug/L	50	74.4	149	69-147 L1	
Vinyl chloride	ug/L	50	44.4	89	48-134	
4-Bromofluorobenzene (S)	%			105	70-130	
Dibromofluoromethane (S)	%			104	70-130	
Toluene-d8 (S)	%			106	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1765067 1765068

Parameter	Units	40176895010		MSD		MSD		% Rec	% Rec	% Rec	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
1,1,1-Trichloroethane	ug/L	<0.24	50	50	58.5	58.7	117	117	70-136	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	39.2	40.7	78	81	67-133	4	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	44.7	47.4	89	95	70-130	6	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	40.3	41.9	81	84	70-139	4	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	57.1	58.9	114	118	72-137	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	56.0	57.1	112	114	68-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	50.5	55.6	101	111	60-130	9	21	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	48.4	52.1	97	104	70-130	7	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	50.9	53.3	102	107	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	55.9	57.6	112	115	71-137	3	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	42.1	44.4	84	89	78-130	5	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	49.8	53.2	100	106	70-130	6	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	51.9	54.4	104	109	70-130	5	20	

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**QUALITY CONTROL DATA**

Project: 1933B NORMINGTON  
Pace Project No.: 40176897

Parameter	Units	1765067		1765068		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40176895010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Benzene	ug/L	<0.25	50	50	37.8	40.4	76	81	66-143	7	20	
Bromodichloromethane	ug/L	<0.36	50	50	53.8	54.7	108	109	70-130	2	20	
Bromoform	ug/L	<4.0	50	50	59.9	61.4	120	123	64-134	2	20	
Bromomethane	ug/L	<0.97	50	50	30.8	31.9	62	64	29-136	4	25	
Carbon tetrachloride	ug/L	<0.17	50	50	62.3	64.0	125	128	73-142	3	20	
Chlorobenzene	ug/L	<0.71	50	50	53.3	55.4	107	111	70-130	4	20	
Chloroethane	ug/L	<1.3	50	50	43.8	49.3	88	99	58-138	12	20	
Chloroform	ug/L	<1.3	50	50	44.8	46.2	90	92	80-131	3	20	
Chloromethane	ug/L	<2.2	50	50	25.8	28.7	52	57	24-125	10	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	36.4	37.7	73	75	68-137	3	22	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	46.2	48.0	92	96	70-130	4	20	
Dibromochloromethane	ug/L	<2.6	50	50	58.5	61.0	117	122	70-131	4	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	31.3	35.1	63	70	10-127	12	20	
Ethylbenzene	ug/L	<0.22	50	50	53.1	55.0	106	110	81-136	4	20	
Isopropylbenzene (Cumene)	ug/L	1.7J	50	50	58.5	60.0	114	117	70-132	3	20	
m&p-Xylene	ug/L	<0.47	100	100	111	116	111	116	70-135	4	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	43.4	45.5	87	91	58-142	5	23	
Methylene Chloride	ug/L	<0.58	50	50	51.2	52.9	102	106	69-137	3	20	
o-Xylene	ug/L	<0.26	50	50	54.2	56.7	108	113	70-132	4	20	
Styrene	ug/L	<0.47	50	50	54.8	57.7	110	115	70-130	5	20	
Tetrachloroethene	ug/L	<0.33	50	50	61.3	64.1	123	128	70-132	4	20	
Toluene	ug/L	<0.17	50	50	52.9	54.1	106	108	81-130	2	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	41.9	44.8	84	90	70-136	7	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	57.6	60.4	115	121	67-130	5	20	
Trichloroethene	ug/L	<0.26	50	50	51.4	54.0	103	108	70-131	5	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	71.7	75.1	143	150	66-150	5	20	
Vinyl chloride	ug/L	<0.17	50	50	37.8	43.2	76	86	46-134	13	20	
4-Bromofluorobenzene (S)	%						105	105	70-130			
Dibromofluoromethane (S)	%						99	99	70-130			
Toluene-d8 (S)	%						105	107	70-130			

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**REPORT OF LABORATORY ANALYSIS**

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## QUALIFIERS

Project: 1933B NORMINGTON

Pace Project No.: 40176897

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### 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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

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

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 1933B NORMINGTON

Pace Project No.: 40176897

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40176897001	PZ-15	EPA 8260	302208		
40176897002	PZ-16	EPA 8260	302208		
40176897003	PZ-17	EPA 8260	302208		
40176897004	PZ-18	EPA 8260	302208		

**REPORT OF LABORATORY ANALYSIS**

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# CHAIN OF CUSTODY

**Preservation Codes**  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H= Sodium Bisulfate Solution I= Sodium Thiosulfate J=Other

**Filtered? (YES/NO)** N  
**Preservation (CODE)\*** B  
**Matrix Codes**  
 A = Air W = Water  
 B = Biota DW = Drinking Water  
 C = Charcoal GW = Ground Water  
 O = Oil SW = Surface Water  
 S = Sludge WWP = Waste Water  
 WIP = Wipe

**CLIENT FIELD ID**

**Data Package Options (billable)**  
 EPA Level III  
 EPA Level IV  
 On your sample (billable)  
 NOT needed on your sample

**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample

**Regulatory Program:**

PACE LAB #	CLIENT FIELD ID	DATE	TIME	MATRIX	ANALYSES REQUESTED
001	P2-15	10/11/18	13:55	GW	VOCs
003	P2-16	1:40			
003	P2-17	11:45			
004	P2-18	12:30			

**Quote #:**

**Mail To Contact:** Andy Dellage

**Mail To Company:** REI

**Mail To Address:** Adellage@ComcastElegy.com

**Invoice To Contact:** JED

**Invoice To Company:**

**Invoice To Address:**

**Invoice To Phone:**

**CLIENT COMMENTS**

**LAB COMMENTS (Lab Use Only)**

**Profile #**

**Relinquished By:** [Signature]

**Relinquished By:** [Signature]

**Relinquished By:** [Signature]

**Relinquished By:** [Signature]

**Relinquished By:** [Signature]

**Date/Time:** 10/3/18 09:30

**Date/Time:** 10/3/18 09:30

**Date/Time:**

**Date/Time:**

**Date/Time:**

**Date/Time:**

**Date/Time:**

**Date/Time:**

**Date/Time:**

**PACE Project No.:** 40176897

**Receipt Temp =** Rot °C

**Sample Receipt pH:** OK / Adjusted

**Cooler Custom Seal:** Present / Not Present

**Intact / Not Intact:** Intact

**Company Name:** REI

**Branch/Location:** Wausau

**Project Contact:** Andy Dellage

**Phone:** (715) 675-9784

**Project Number:** 1933B

**Project Name:** Nourishment

**Project State:** WI

**Sampled By (Print):** Jed Wosch

**Sampled By (Sign):** [Signature]

**PO #:**

Page 19 of 21

## Sample Preservation Receipt Form

Client Name: REI Project # 100680

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

Lab Lot# of pH paper:

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

Initial when completed:


Date/Time:

Pace Lab #	Glass				Plastic				Vials				Jars				General				VOA Vials (>6mm)	H2SO4 pH 52	NaOH+Zn Act pH 29	NaOH pH 212	HNO3 pH 52	pH after adjusted	Volume (mL)		
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U		BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M								VG9D	JGFU
001																												2.5 / 5 / 10	
002																													2.5 / 5 / 10
003																													2.5 / 5 / 10
004																													2.5 / 5 / 10
005																													2.5 / 5 / 10
006																													2.5 / 5 / 10
007																													2.5 / 5 / 10
008																													2.5 / 5 / 10
009																													2.5 / 5 / 10
010																													2.5 / 5 / 10
011																													2.5 / 5 / 10
012																													2.5 / 5 / 10
013																													2.5 / 5 / 10
014																													2.5 / 5 / 10
015																													2.5 / 5 / 10
016																													2.5 / 5 / 10
017																													2.5 / 5 / 10
018																													2.5 / 5 / 10
019																													2.5 / 5 / 10
020																													2.5 / 5 / 10


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

Headspaces in VOA Vials (>6mm)	Yes	No	N/A	*if yes look in headspace column
AG1U 1 liter amber glass				
AG1H 1 liter amber glass HCL				
AG4S 125 mL amber glass H2SO4				
AG4U 120 mL amber glass unpres				
AG5U 100 mL amber glass unpres				
AG2S 500 mL amber glass H2SO4				
BG3U 250 mL clear glass unpres				
BP1U 1 liter plastic unpres				
BP2N 500 mL plastic HNO3				
BP2Z 500 mL plastic NaOH, Znact				
BP3U 250 mL plastic unpres				
BP3C 250 mL plastic NaOH				
BP3N 250 mL plastic HNO3				
BP3S 250 mL plastic H2SO4				
DG9A 40 mL amber ascorbic				
DG9T 40 mL amber Na Thio				
VG9U 40 mL clear vial unpres				
VG9H 40 mL clear vial HCL				
VG9M 40 mL clear vial MeOH				
VG9D 40 mL clear vial DI				
JGFU 4 oz amber jar unpres				
WGFU 4 oz clear jar unpres				
WPFU 4 oz plastic jar unpres				
SP5T 120 mL plastic Na Thiosulfate				
ZPLC ziploc bag				
GN:				



 1241 Bellevue Street, Green Bay, WI 54302	Document Name: <b>Sample Condition Upon Receipt (SCUR)</b>	Document Revised: 25Apr2018
	Document No.: <b>F-GB-C-031-Rev.07</b>	Issuing Authority: Pace Green Bay Quality Office

### Sample Condition Upon Receipt Form (SCUR)

**Client Name:** REF **Project #:** WO# : 40176897  
**Courier:**  CS Logistics  Fed Ex  Speedee  UPS  Walto  
 Client  Pace Other: \_\_\_\_\_  
**Tracking #:** 1850953-1   
40176897  
**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 - N/A **Type of Ice:** Wet Blue Dry None  Samples on ice, cooling process has begun  
**Cooler Temperature:** Uncorr: ROT /Corr: \_\_\_\_\_  
**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.

**Person examining contents:**  
 Date: 10/3/18  
 Initials: SSA

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

**Client Notification/ Resolution:** If checked, see attached form for additional comments   
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Project Manager Review:** SS **Date:** 10-3-18

May 03, 2019

Andy Delforge  
REI  
4080 North 20th Avenue  
Wausau, WI 54401

RE: Project: 1933 NORMINGTON DRY CLEANERS  
Pace Project No.: 40186548

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40186548001	PZWR2	Water	04/24/19 16:00	04/26/19 09:00
40186548002	CPZ4R	Water	04/24/19 16:15	04/26/19 09:00
40186548003	CPZ5	Water	04/24/19 15:45	04/26/19 09:00
40186548004	CPZ5D	Water	04/24/19 14:45	04/26/19 09:00
40186548005	CPZ7	Water	04/24/19 14:30	04/26/19 09:00
40186548006	CPZ8	Water	04/24/19 14:15	04/26/19 09:00
40186548007	CPZ9	Water	04/24/19 12:15	04/26/19 09:00
40186548008	CPZ10	Water	04/24/19 15:00	04/26/19 09:00
40186548009	CPZ11	Water	04/24/19 15:15	04/26/19 09:00
40186548010	CPZ12	Water	04/24/19 15:30	04/26/19 09:00
40186548011	CPZ13	Water	04/24/19 12:00	04/26/19 09:00
40186548012	CPZ14	Water	04/24/19 11:40	04/26/19 09:00
40186548013	CPZ15	Water	04/24/19 10:50	04/26/19 09:00
40186548014	CPZ16	Water	04/24/19 11:00	04/26/19 09:00
40186548015	CPZ17	Water	04/24/19 11:10	04/26/19 09:00
40186548016	CPZ18	Water	04/24/19 11:50	04/26/19 09:00
40186548017	CPZ19	Water	04/24/19 11:25	04/26/19 09:00
40186548018	CPZ20	Water	04/24/19 10:45	04/26/19 09:00

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### SAMPLE ANALYTE COUNT

Project: 1933 NORMINGTON DRY CLEANERS  
Pace Project No.: 40186548

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40186548001	PZWR2	EPA 8260	HNW	64	PASI-G
40186548002	CPZ4R	EPA 8260	HNW	64	PASI-G
40186548003	CPZ5	EPA 8260	HNW	64	PASI-G
40186548004	CPZ5D	EPA 8260	HNW	64	PASI-G
40186548005	CPZ7	EPA 8260	HNW	64	PASI-G
40186548006	CPZ8	EPA 8260	HNW	64	PASI-G
40186548007	CPZ9	EPA 8260	HNW	64	PASI-G
40186548008	CPZ10	EPA 8260	HNW	64	PASI-G
40186548009	CPZ11	EPA 8260	HNW	64	PASI-G
40186548010	CPZ12	EPA 8260	HNW	64	PASI-G
40186548011	CPZ13	EPA 8260	HNW	64	PASI-G
40186548012	CPZ14	EPA 8260	HNW	64	PASI-G
40186548013	CPZ15	EPA 8260	HNW	64	PASI-G
40186548014	CPZ16	EPA 8260	HNW	64	PASI-G
40186548015	CPZ17	EPA 8260	HNW	64	PASI-G
40186548016	CPZ18	EPA 8260	HNW	64	PASI-G
40186548017	CPZ19	EPA 8260	HNW	64	PASI-G
40186548018	CPZ20	EPA 8260	HNW	64	PASI-G

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

Sample: PZWR2 Lab ID: 40186548001 Collected: 04/24/19 16:00 Received: 04/26/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<1.2	ug/L	5.0	1.2	5		05/02/19 09:26	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		05/02/19 09:26	108-86-1	
Bromochloromethane	<1.8	ug/L	25.0	1.8	5		05/02/19 09:26	74-97-5	
Bromodichloromethane	2.5J	ug/L	6.1	1.8	5		05/02/19 09:26	75-27-4	
Bromoform	<19.9	ug/L	66.2	19.9	5		05/02/19 09:26	75-25-2	
Bromomethane	<4.9	ug/L	25.0	4.9	5		05/02/19 09:26	74-83-9	
n-Butylbenzene	<3.5	ug/L	11.8	3.5	5		05/02/19 09:26	104-51-8	
sec-Butylbenzene	<4.2	ug/L	25.0	4.2	5		05/02/19 09:26	135-98-8	
tert-Butylbenzene	<1.5	ug/L	5.1	1.5	5		05/02/19 09:26	98-06-6	
Carbon tetrachloride	<0.83	ug/L	5.0	0.83	5		05/02/19 09:26	56-23-5	
Chlorobenzene	<3.6	ug/L	11.8	3.6	5		05/02/19 09:26	108-90-7	
Chloroethane	<6.7	ug/L	25.0	6.7	5		05/02/19 09:26	75-00-3	
Chloroform	30.0	ug/L	25.0	6.4	5		05/02/19 09:26	67-66-3	
Chloromethane	<10.9	ug/L	36.5	10.9	5		05/02/19 09:26	74-87-3	
2-Chlorotoluene	<4.6	ug/L	25.0	4.6	5		05/02/19 09:26	95-49-8	
4-Chlorotoluene	<3.8	ug/L	12.6	3.8	5		05/02/19 09:26	106-43-4	
1,2-Dibromo-3-chloropropane	<8.8	ug/L	29.4	8.8	5		05/02/19 09:26	96-12-8	
Dibromochloromethane	<13.0	ug/L	43.4	13.0	5		05/02/19 09:26	124-48-1	
1,2-Dibromoethane (EDB)	<4.1	ug/L	13.8	4.1	5		05/02/19 09:26	106-93-4	
Dibromomethane	<4.7	ug/L	15.6	4.7	5		05/02/19 09:26	74-95-3	
1,2-Dichlorobenzene	<3.5	ug/L	11.8	3.5	5		05/02/19 09:26	95-50-1	
1,3-Dichlorobenzene	<3.1	ug/L	10.5	3.1	5		05/02/19 09:26	541-73-1	
1,4-Dichlorobenzene	<4.7	ug/L	15.7	4.7	5		05/02/19 09:26	106-46-7	
Dichlorodifluoromethane	<2.5	ug/L	25.0	2.5	5		05/02/19 09:26	75-71-8	
1,1-Dichloroethane	<1.4	ug/L	5.0	1.4	5		05/02/19 09:26	75-34-3	
1,2-Dichloroethane	<1.4	ug/L	5.0	1.4	5		05/02/19 09:26	107-06-2	
1,1-Dichloroethene	<1.2	ug/L	5.0	1.2	5		05/02/19 09:26	75-35-4	
cis-1,2-Dichloroethene	<1.4	ug/L	5.0	1.4	5		05/02/19 09:26	156-59-2	
trans-1,2-Dichloroethene	<5.5	ug/L	18.2	5.5	5		05/02/19 09:26	156-60-5	
1,2-Dichloropropane	<1.4	ug/L	5.0	1.4	5		05/02/19 09:26	78-87-5	
1,3-Dichloropropane	<4.1	ug/L	13.8	4.1	5		05/02/19 09:26	142-28-9	
2,2-Dichloropropane	<11.3	ug/L	37.8	11.3	5		05/02/19 09:26	594-20-7	
1,1-Dichloropropene	<2.7	ug/L	9.0	2.7	5		05/02/19 09:26	563-58-6	
cis-1,3-Dichloropropene	<18.1	ug/L	60.5	18.1	5		05/02/19 09:26	10061-01-5	
trans-1,3-Dichloropropene	<21.9	ug/L	72.8	21.9	5		05/02/19 09:26	10061-02-6	
Diisopropyl ether	<9.4	ug/L	31.5	9.4	5		05/02/19 09:26	108-20-3	
Ethylbenzene	<1.1	ug/L	5.0	1.1	5		05/02/19 09:26	100-41-4	
Hexachloro-1,3-butadiene	<5.9	ug/L	25.0	5.9	5		05/02/19 09:26	87-68-3	
Isopropylbenzene (Cumene)	<2.0	ug/L	25.0	2.0	5		05/02/19 09:26	98-82-8	
p-Isopropyltoluene	<4.0	ug/L	13.3	4.0	5		05/02/19 09:26	99-87-6	
Methylene Chloride	<2.9	ug/L	25.0	2.9	5		05/02/19 09:26	75-09-2	
Methyl-tert-butyl ether	<6.2	ug/L	20.8	6.2	5		05/02/19 09:26	1634-04-4	
Naphthalene	<5.9	ug/L	25.0	5.9	5		05/02/19 09:26	91-20-3	
n-Propylbenzene	<4.1	ug/L	25.0	4.1	5		05/02/19 09:26	103-65-1	
Styrene	<2.3	ug/L	7.8	2.3	5		05/02/19 09:26	100-42-5	
1,1,1,2-Tetrachloroethane	<1.3	ug/L	5.0	1.3	5		05/02/19 09:26	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: PZWR2**      **Lab ID: 40186548001**      Collected: 04/24/19 16:00      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<1.4	ug/L	5.0	1.4	5		05/02/19 09:26	79-34-5	
Tetrachloroethene	783	ug/L	5.4	1.6	5		05/02/19 09:26	127-18-4	
Toluene	<0.86	ug/L	25.0	0.86	5		05/02/19 09:26	108-88-3	
1,2,3-Trichlorobenzene	<3.1	ug/L	25.0	3.1	5		05/02/19 09:26	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		05/02/19 09:26	120-82-1	
1,1,1-Trichloroethane	<1.2	ug/L	5.0	1.2	5		05/02/19 09:26	71-55-6	
1,1,2-Trichloroethane	<2.8	ug/L	25.0	2.8	5		05/02/19 09:26	79-00-5	
Trichloroethene	4.5J	ug/L	5.0	1.3	5		05/02/19 09:26	79-01-6	
Trichlorofluoromethane	<1.1	ug/L	5.0	1.1	5		05/02/19 09:26	75-69-4	
1,2,3-Trichloropropane	<3.0	ug/L	25.0	3.0	5		05/02/19 09:26	96-18-4	
1,2,4-Trimethylbenzene	<4.2	ug/L	14.0	4.2	5		05/02/19 09:26	95-63-6	
1,3,5-Trimethylbenzene	<4.4	ug/L	14.6	4.4	5		05/02/19 09:26	108-67-8	
Vinyl chloride	<0.87	ug/L	5.0	0.87	5		05/02/19 09:26	75-01-4	
m&p-Xylene	<2.3	ug/L	10.0	2.3	5		05/02/19 09:26	179601-23-1	
o-Xylene	<1.3	ug/L	5.0	1.3	5		05/02/19 09:26	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		5		05/02/19 09:26	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		5		05/02/19 09:26	1868-53-7	
Toluene-d8 (S)	98	%	70-130		5		05/02/19 09:26	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample:** CPZ4R      **Lab ID:** 40186548002      Collected: 04/24/19 16:15      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		05/02/19 10:09	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/02/19 10:09	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/02/19 10:09	74-97-5	
Bromodichloromethane	4.2	ug/L	1.2	0.36	1		05/02/19 10:09	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/02/19 10:09	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/02/19 10:09	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 10:09	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/02/19 10:09	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/02/19 10:09	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/02/19 10:09	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 10:09	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/02/19 10:09	75-00-3	
Chloroform	37.9	ug/L	5.0	1.3	1		05/02/19 10:09	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/02/19 10:09	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/02/19 10:09	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/02/19 10:09	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/02/19 10:09	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/02/19 10:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/02/19 10:09	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/02/19 10:09	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 10:09	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/02/19 10:09	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/02/19 10:09	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/02/19 10:09	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 10:09	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 10:09	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/02/19 10:09	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/02/19 10:09	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/02/19 10:09	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/02/19 10:09	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/02/19 10:09	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/02/19 10:09	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/02/19 10:09	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/02/19 10:09	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/02/19 10:09	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/02/19 10:09	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/02/19 10:09	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/02/19 10:09	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/02/19 10:09	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/02/19 10:09	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/02/19 10:09	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/02/19 10:09	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/02/19 10:09	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/02/19 10:09	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/02/19 10:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 10:09	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ4R**      **Lab ID: 40186548002**      Collected: 04/24/19 16:15      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 10:09	79-34-5	
Tetrachloroethene	21.2	ug/L	1.1	0.33	1		05/02/19 10:09	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 10:09	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 10:09	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 10:09	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 10:09	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 10:09	79-00-5	
Trichloroethene	0.48J	ug/L	1.0	0.26	1		05/02/19 10:09	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 10:09	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 10:09	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 10:09	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 10:09	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 10:09	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 10:09	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 10:09	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		05/02/19 10:09	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		05/02/19 10:09	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/02/19 10:09	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

Sample: CPZ5 Lab ID: 40186548003 Collected: 04/24/19 15:45 Received: 04/26/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		05/02/19 10:31	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/02/19 10:31	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/02/19 10:31	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/02/19 10:31	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/02/19 10:31	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/02/19 10:31	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 10:31	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/02/19 10:31	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/02/19 10:31	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/02/19 10:31	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 10:31	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/02/19 10:31	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/02/19 10:31	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/02/19 10:31	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/02/19 10:31	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/02/19 10:31	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/02/19 10:31	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/02/19 10:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/02/19 10:31	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/02/19 10:31	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 10:31	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/02/19 10:31	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/02/19 10:31	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/02/19 10:31	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 10:31	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 10:31	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/02/19 10:31	75-35-4	
cis-1,2-Dichloroethene	0.58J	ug/L	1.0	0.27	1		05/02/19 10:31	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/02/19 10:31	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/02/19 10:31	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/02/19 10:31	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/02/19 10:31	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/02/19 10:31	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/02/19 10:31	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/02/19 10:31	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/02/19 10:31	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/02/19 10:31	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/02/19 10:31	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/02/19 10:31	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/02/19 10:31	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/02/19 10:31	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/02/19 10:31	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/02/19 10:31	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/02/19 10:31	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/02/19 10:31	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 10:31	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ5**      **Lab ID: 40186548003**      Collected: 04/24/19 15:45      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 10:31	79-34-5	
Tetrachloroethene	120	ug/L	1.1	0.33	1		05/02/19 10:31	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 10:31	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 10:31	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 10:31	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 10:31	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 10:31	79-00-5	
Trichloroethene	41.1	ug/L	1.0	0.26	1		05/02/19 10:31	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 10:31	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 10:31	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 10:31	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 10:31	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 10:31	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 10:31	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 10:31	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		05/02/19 10:31	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		05/02/19 10:31	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/02/19 10:31	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Lab Project No.: 40186548

Sample: CPZ5D Lab ID: 40186548004 Collected: 04/24/19 14:45 Received: 04/26/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		05/02/19 10:52	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/02/19 10:52	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/02/19 10:52	74-97-5	
Bromodichloromethane	0.46J	ug/L	1.2	0.36	1		05/02/19 10:52	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/02/19 10:52	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/02/19 10:52	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 10:52	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/02/19 10:52	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/02/19 10:52	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/02/19 10:52	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 10:52	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/02/19 10:52	75-00-3	
Chloroform	4.5J	ug/L	5.0	1.3	1		05/02/19 10:52	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/02/19 10:52	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/02/19 10:52	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/02/19 10:52	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/02/19 10:52	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/02/19 10:52	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/02/19 10:52	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/02/19 10:52	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 10:52	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/02/19 10:52	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/02/19 10:52	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/02/19 10:52	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 10:52	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 10:52	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/02/19 10:52	75-35-4	
cis-1,2-Dichloroethene	0.99J	ug/L	1.0	0.27	1		05/02/19 10:52	156-59-2	
trans-1,2-Dichloroethene	1.3J	ug/L	3.6	1.1	1		05/02/19 10:52	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/02/19 10:52	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/02/19 10:52	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/02/19 10:52	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/02/19 10:52	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/02/19 10:52	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/02/19 10:52	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/02/19 10:52	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/02/19 10:52	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/02/19 10:52	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/02/19 10:52	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/02/19 10:52	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/02/19 10:52	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/02/19 10:52	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/02/19 10:52	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/02/19 10:52	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/02/19 10:52	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 10:52	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ5D**      **Lab ID: 40186548004**      Collected: 04/24/19 14:45      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 10:52	79-34-5	
Tetrachloroethene	91.3	ug/L	1.1	0.33	1		05/02/19 10:52	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 10:52	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 10:52	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 10:52	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 10:52	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 10:52	79-00-5	
Trichloroethene	47.6	ug/L	1.0	0.26	1		05/02/19 10:52	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 10:52	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 10:52	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 10:52	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 10:52	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 10:52	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 10:52	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 10:52	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		05/02/19 10:52	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/02/19 10:52	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/02/19 10:52	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ7**      **Lab ID: 40186548005**      Collected: 04/24/19 14:30      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		05/02/19 09:05	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/02/19 09:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/02/19 09:05	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/02/19 09:05	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/02/19 09:05	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/02/19 09:05	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 09:05	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/02/19 09:05	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/02/19 09:05	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/02/19 09:05	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 09:05	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/02/19 09:05	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/02/19 09:05	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/02/19 09:05	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/02/19 09:05	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/02/19 09:05	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/02/19 09:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/02/19 09:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/02/19 09:05	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/02/19 09:05	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 09:05	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/02/19 09:05	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/02/19 09:05	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/02/19 09:05	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 09:05	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 09:05	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/02/19 09:05	75-35-4	
cis-1,2-Dichloroethene	11.1	ug/L	1.0	0.27	1		05/02/19 09:05	156-59-2	
trans-1,2-Dichloroethene	2.9J	ug/L	3.6	1.1	1		05/02/19 09:05	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/02/19 09:05	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/02/19 09:05	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/02/19 09:05	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/02/19 09:05	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/02/19 09:05	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/02/19 09:05	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/02/19 09:05	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/02/19 09:05	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/02/19 09:05	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/02/19 09:05	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/02/19 09:05	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/02/19 09:05	75-09-2	
Methyl-tert-butyl ether	3.1J	ug/L	4.2	1.2	1		05/02/19 09:05	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/02/19 09:05	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/02/19 09:05	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/02/19 09:05	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 09:05	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ7**      **Lab ID: 40186548005**      Collected: 04/24/19 14:30      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 09:05	79-34-5	
Tetrachloroethene	8.0	ug/L	1.1	0.33	1		05/02/19 09:05	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 09:05	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 09:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 09:05	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 09:05	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 09:05	79-00-5	
Trichloroethene	42.0	ug/L	1.0	0.26	1		05/02/19 09:05	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 09:05	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 09:05	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 09:05	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 09:05	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 09:05	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 09:05	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 09:05	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		05/02/19 09:05	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		05/02/19 09:05	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/02/19 09:05	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS  
 Pace Project No.: 40186548

**Sample: CPZ8**      **Lab ID: 40186548006**      Collected: 04/24/19 14:15      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		05/02/19 11:14	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/02/19 11:14	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/02/19 11:14	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/02/19 11:14	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/02/19 11:14	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/02/19 11:14	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 11:14	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/02/19 11:14	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/02/19 11:14	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/02/19 11:14	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 11:14	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/02/19 11:14	75-00-3	
Chloroform	2.2J	ug/L	5.0	1.3	1		05/02/19 11:14	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/02/19 11:14	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/02/19 11:14	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/02/19 11:14	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/02/19 11:14	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/02/19 11:14	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/02/19 11:14	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/02/19 11:14	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 11:14	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/02/19 11:14	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/02/19 11:14	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/02/19 11:14	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 11:14	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 11:14	107-06-2	
1,1-Dichloroethene	0.25J	ug/L	1.0	0.24	1		05/02/19 11:14	75-35-4	
cis-1,2-Dichloroethene	0.69J	ug/L	1.0	0.27	1		05/02/19 11:14	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/02/19 11:14	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/02/19 11:14	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/02/19 11:14	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/02/19 11:14	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/02/19 11:14	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/02/19 11:14	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/02/19 11:14	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/02/19 11:14	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/02/19 11:14	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/02/19 11:14	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/02/19 11:14	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/02/19 11:14	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/02/19 11:14	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/02/19 11:14	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/02/19 11:14	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/02/19 11:14	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/02/19 11:14	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 11:14	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ8**      **Lab ID: 40186548006**      Collected: 04/24/19 14:15      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 11:14	79-34-5	
Tetrachloroethene	228	ug/L	1.1	0.33	1		05/02/19 11:14	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 11:14	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 11:14	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 11:14	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 11:14	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 11:14	79-00-5	
Trichloroethene	10.9	ug/L	1.0	0.26	1		05/02/19 11:14	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 11:14	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 11:14	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 11:14	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 11:14	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 11:14	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 11:14	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 11:14	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		05/02/19 11:14	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		05/02/19 11:14	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/02/19 11:14	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Sample Project No.: 40186548

Sample: CPZ9 Lab ID: 40186548007 Collected: 04/24/19 12:15 Received: 04/26/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		05/02/19 11:35	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/02/19 11:35	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/02/19 11:35	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/02/19 11:35	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/02/19 11:35	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/02/19 11:35	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 11:35	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/02/19 11:35	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/02/19 11:35	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/02/19 11:35	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 11:35	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/02/19 11:35	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/02/19 11:35	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/02/19 11:35	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/02/19 11:35	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/02/19 11:35	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/02/19 11:35	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/02/19 11:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/02/19 11:35	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/02/19 11:35	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 11:35	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/02/19 11:35	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/02/19 11:35	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/02/19 11:35	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 11:35	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 11:35	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/02/19 11:35	75-35-4	
cis-1,2-Dichloroethene	13.3	ug/L	1.0	0.27	1		05/02/19 11:35	156-59-2	
trans-1,2-Dichloroethene	18.0	ug/L	3.6	1.1	1		05/02/19 11:35	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/02/19 11:35	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/02/19 11:35	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/02/19 11:35	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/02/19 11:35	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/02/19 11:35	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/02/19 11:35	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/02/19 11:35	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/02/19 11:35	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/02/19 11:35	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/02/19 11:35	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/02/19 11:35	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/02/19 11:35	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/02/19 11:35	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/02/19 11:35	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/02/19 11:35	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/02/19 11:35	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 11:35	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ9**      **Lab ID: 40186548007**      Collected: 04/24/19 12:15      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 11:35	79-34-5	
Tetrachloroethene	2.4	ug/L	1.1	0.33	1		05/02/19 11:35	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 11:35	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 11:35	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 11:35	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 11:35	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 11:35	79-00-5	
Trichloroethene	11.4	ug/L	1.0	0.26	1		05/02/19 11:35	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 11:35	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 11:35	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 11:35	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 11:35	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 11:35	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 11:35	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 11:35	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		05/02/19 11:35	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/02/19 11:35	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/02/19 11:35	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ10**      **Lab ID: 40186548008**      Collected: 04/24/19 15:00      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		05/02/19 12:22	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/02/19 12:22	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/02/19 12:22	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/02/19 12:22	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/02/19 12:22	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/02/19 12:22	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 12:22	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/02/19 12:22	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/02/19 12:22	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/02/19 12:22	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 12:22	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/02/19 12:22	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/02/19 12:22	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/02/19 12:22	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/02/19 12:22	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/02/19 12:22	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/02/19 12:22	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/02/19 12:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/02/19 12:22	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/02/19 12:22	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 12:22	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/02/19 12:22	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/02/19 12:22	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/02/19 12:22	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 12:22	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 12:22	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/02/19 12:22	75-35-4	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.27	1		05/02/19 12:22	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/02/19 12:22	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/02/19 12:22	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/02/19 12:22	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/02/19 12:22	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/02/19 12:22	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/02/19 12:22	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/02/19 12:22	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/02/19 12:22	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/02/19 12:22	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/02/19 12:22	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/02/19 12:22	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/02/19 12:22	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/02/19 12:22	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/02/19 12:22	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/02/19 12:22	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/02/19 12:22	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/02/19 12:22	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 12:22	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ10**      **Lab ID: 40186548008**      Collected: 04/24/19 15:00      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 12:22	79-34-5	
Tetrachloroethene	16.3	ug/L	1.1	0.33	1		05/02/19 12:22	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 12:22	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 12:22	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 12:22	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 12:22	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 12:22	79-00-5	
Trichloroethene	29.6	ug/L	1.0	0.26	1		05/02/19 12:22	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 12:22	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 12:22	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 12:22	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 12:22	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 12:22	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 12:22	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 12:22	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		05/02/19 12:22	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		05/02/19 12:22	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		05/02/19 12:22	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Sample Project No.: 40186548

**Sample: CPZ11**      **Lab ID: 40186548009**      Collected: 04/24/19 15:15      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<b>0.25J</b>	ug/L	1.0	0.25	1		05/02/19 12:43	71-43-2	
Bromobenzene	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		05/02/19 12:43	108-86-1	
Bromochloromethane	<b>&lt;0.36</b>	ug/L	5.0	0.36	1		05/02/19 12:43	74-97-5	
Bromodichloromethane	<b>&lt;0.36</b>	ug/L	1.2	0.36	1		05/02/19 12:43	75-27-4	
Bromoform	<b>&lt;4.0</b>	ug/L	13.2	4.0	1		05/02/19 12:43	75-25-2	
Bromomethane	<b>&lt;0.97</b>	ug/L	5.0	0.97	1		05/02/19 12:43	74-83-9	
n-Butylbenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		05/02/19 12:43	104-51-8	
sec-Butylbenzene	<b>&lt;0.85</b>	ug/L	5.0	0.85	1		05/02/19 12:43	135-98-8	
tert-Butylbenzene	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		05/02/19 12:43	98-06-6	
Carbon tetrachloride	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		05/02/19 12:43	56-23-5	
Chlorobenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		05/02/19 12:43	108-90-7	
Chloroethane	<b>&lt;1.3</b>	ug/L	5.0	1.3	1		05/02/19 12:43	75-00-3	
Chloroform	<b>&lt;1.3</b>	ug/L	5.0	1.3	1		05/02/19 12:43	67-66-3	
Chloromethane	<b>&lt;2.2</b>	ug/L	7.3	2.2	1		05/02/19 12:43	74-87-3	
2-Chlorotoluene	<b>&lt;0.93</b>	ug/L	5.0	0.93	1		05/02/19 12:43	95-49-8	
4-Chlorotoluene	<b>&lt;0.76</b>	ug/L	2.5	0.76	1		05/02/19 12:43	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;1.8</b>	ug/L	5.9	1.8	1		05/02/19 12:43	96-12-8	
Dibromochloromethane	<b>&lt;2.6</b>	ug/L	8.7	2.6	1		05/02/19 12:43	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.83</b>	ug/L	2.8	0.83	1		05/02/19 12:43	106-93-4	
Dibromomethane	<b>&lt;0.94</b>	ug/L	3.1	0.94	1		05/02/19 12:43	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		05/02/19 12:43	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.63</b>	ug/L	2.1	0.63	1		05/02/19 12:43	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.94</b>	ug/L	3.1	0.94	1		05/02/19 12:43	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.50</b>	ug/L	5.0	0.50	1		05/02/19 12:43	75-71-8	
1,1-Dichloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		05/02/19 12:43	75-34-3	
1,2-Dichloroethane	<b>&lt;0.28</b>	ug/L	1.0	0.28	1		05/02/19 12:43	107-06-2	
1,1-Dichloroethene	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		05/02/19 12:43	75-35-4	
cis-1,2-Dichloroethene	<b>5.4</b>	ug/L	1.0	0.27	1		05/02/19 12:43	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;1.1</b>	ug/L	3.6	1.1	1		05/02/19 12:43	156-60-5	
1,2-Dichloropropane	<b>&lt;0.28</b>	ug/L	1.0	0.28	1		05/02/19 12:43	78-87-5	
1,3-Dichloropropane	<b>&lt;0.83</b>	ug/L	2.8	0.83	1		05/02/19 12:43	142-28-9	
2,2-Dichloropropane	<b>&lt;2.3</b>	ug/L	7.6	2.3	1		05/02/19 12:43	594-20-7	
1,1-Dichloropropene	<b>&lt;0.54</b>	ug/L	1.8	0.54	1		05/02/19 12:43	563-58-6	
cis-1,3-Dichloropropene	<b>&lt;3.6</b>	ug/L	12.1	3.6	1		05/02/19 12:43	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;4.4</b>	ug/L	14.6	4.4	1		05/02/19 12:43	10061-02-6	
Diisopropyl ether	<b>&lt;1.9</b>	ug/L	6.3	1.9	1		05/02/19 12:43	108-20-3	
Ethylbenzene	<b>&lt;0.22</b>	ug/L	1.0	0.22	1		05/02/19 12:43	100-41-4	
Hexachloro-1,3-butadiene	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		05/02/19 12:43	87-68-3	
Isopropylbenzene (Cumene)	<b>&lt;0.39</b>	ug/L	5.0	0.39	1		05/02/19 12:43	98-82-8	
p-Isopropyltoluene	<b>&lt;0.80</b>	ug/L	2.7	0.80	1		05/02/19 12:43	99-87-6	
Methylene Chloride	<b>&lt;0.58</b>	ug/L	5.0	0.58	1		05/02/19 12:43	75-09-2	
Methyl-tert-butyl ether	<b>6.4</b>	ug/L	4.2	1.2	1		05/02/19 12:43	1634-04-4	
Naphthalene	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		05/02/19 12:43	91-20-3	
n-Propylbenzene	<b>&lt;0.81</b>	ug/L	5.0	0.81	1		05/02/19 12:43	103-65-1	
Styrene	<b>&lt;0.47</b>	ug/L	1.6	0.47	1		05/02/19 12:43	100-42-5	
1,1,1,2-Tetrachloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		05/02/19 12:43	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ11**      **Lab ID: 40186548009**      Collected: 04/24/19 15:15      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 12:43	79-34-5	
Tetrachloroethene	21.4	ug/L	1.1	0.33	1		05/02/19 12:43	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 12:43	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 12:43	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 12:43	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 12:43	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 12:43	79-00-5	
Trichloroethene	39.0	ug/L	1.0	0.26	1		05/02/19 12:43	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 12:43	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 12:43	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 12:43	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 12:43	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 12:43	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 12:43	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 12:43	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		05/02/19 12:43	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		05/02/19 12:43	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/02/19 12:43	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ12**      **Lab ID: 40186548010**      Collected: 04/24/19 15:30      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		05/02/19 13:05	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/02/19 13:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/02/19 13:05	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/02/19 13:05	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/02/19 13:05	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/02/19 13:05	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 13:05	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/02/19 13:05	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/02/19 13:05	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/02/19 13:05	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 13:05	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/02/19 13:05	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/02/19 13:05	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/02/19 13:05	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/02/19 13:05	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/02/19 13:05	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/02/19 13:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/02/19 13:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/02/19 13:05	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/02/19 13:05	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 13:05	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/02/19 13:05	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/02/19 13:05	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/02/19 13:05	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 13:05	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 13:05	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/02/19 13:05	75-35-4	
cis-1,2-Dichloroethene	33.7	ug/L	1.0	0.27	1		05/02/19 13:05	156-59-2	
trans-1,2-Dichloroethene	52.5	ug/L	3.6	1.1	1		05/02/19 13:05	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/02/19 13:05	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/02/19 13:05	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/02/19 13:05	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/02/19 13:05	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/02/19 13:05	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/02/19 13:05	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/02/19 13:05	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/02/19 13:05	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/02/19 13:05	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/02/19 13:05	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/02/19 13:05	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/02/19 13:05	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/02/19 13:05	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/02/19 13:05	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/02/19 13:05	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/02/19 13:05	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 13:05	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ12**      **Lab ID: 40186548010**      Collected: 04/24/19 15:30      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 13:05	79-34-5	
Tetrachloroethene	0.82J	ug/L	1.1	0.33	1		05/02/19 13:05	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 13:05	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 13:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 13:05	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 13:05	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 13:05	79-00-5	
Trichloroethene	73.7	ug/L	1.0	0.26	1		05/02/19 13:05	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 13:05	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 13:05	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 13:05	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 13:05	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 13:05	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 13:05	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 13:05	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		05/02/19 13:05	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/02/19 13:05	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/02/19 13:05	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Project No.: 40186548

Sample: CPZ13 Lab ID: 40186548011 Collected: 04/24/19 12:00 Received: 04/26/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	0.63J	ug/L	1.0	0.25	1		05/02/19 13:26	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/02/19 13:26	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/02/19 13:26	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/02/19 13:26	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/02/19 13:26	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/02/19 13:26	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 13:26	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/02/19 13:26	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/02/19 13:26	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/02/19 13:26	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 13:26	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/02/19 13:26	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/02/19 13:26	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/02/19 13:26	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/02/19 13:26	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/02/19 13:26	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/02/19 13:26	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/02/19 13:26	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/02/19 13:26	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/02/19 13:26	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 13:26	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/02/19 13:26	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/02/19 13:26	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/02/19 13:26	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 13:26	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 13:26	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/02/19 13:26	75-35-4	
cis-1,2-Dichloroethene	45.9	ug/L	1.0	0.27	1		05/02/19 13:26	156-59-2	
trans-1,2-Dichloroethene	72.0	ug/L	3.6	1.1	1		05/02/19 13:26	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/02/19 13:26	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/02/19 13:26	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/02/19 13:26	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/02/19 13:26	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/02/19 13:26	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/02/19 13:26	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/02/19 13:26	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/02/19 13:26	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/02/19 13:26	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/02/19 13:26	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/02/19 13:26	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/02/19 13:26	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/02/19 13:26	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/02/19 13:26	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/02/19 13:26	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/02/19 13:26	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 13:26	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ13**      **Lab ID: 40186548011**      Collected: 04/24/19 12:00      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 13:26	79-34-5	
Tetrachloroethene	1.6	ug/L	1.1	0.33	1		05/02/19 13:26	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 13:26	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 13:26	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 13:26	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 13:26	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 13:26	79-00-5	
Trichloroethene	47.3	ug/L	1.0	0.26	1		05/02/19 13:26	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 13:26	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 13:26	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 13:26	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 13:26	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 13:26	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 13:26	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 13:26	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		05/02/19 13:26	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		05/02/19 13:26	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/02/19 13:26	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

Sample: CPZ14 Lab ID: 40186548012 Collected: 04/24/19 11:40 Received: 04/26/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.49	ug/L	2.0	0.49	2		05/02/19 09:48	71-43-2	
Bromobenzene	<0.48	ug/L	2.0	0.48	2		05/02/19 09:48	108-86-1	
Bromochloromethane	<0.72	ug/L	10.0	0.72	2		05/02/19 09:48	74-97-5	
Bromodichloromethane	<0.73	ug/L	2.4	0.73	2		05/02/19 09:48	75-27-4	
Bromoform	<7.9	ug/L	26.5	7.9	2		05/02/19 09:48	75-25-2	
Bromomethane	<1.9	ug/L	10.0	1.9	2		05/02/19 09:48	74-83-9	
n-Butylbenzene	<1.4	ug/L	4.7	1.4	2		05/02/19 09:48	104-51-8	
sec-Butylbenzene	<1.7	ug/L	10.0	1.7	2		05/02/19 09:48	135-98-8	
tert-Butylbenzene	<0.61	ug/L	2.0	0.61	2		05/02/19 09:48	98-06-6	
Carbon tetrachloride	<0.33	ug/L	2.0	0.33	2		05/02/19 09:48	56-23-5	
Chlorobenzene	<1.4	ug/L	4.7	1.4	2		05/02/19 09:48	108-90-7	
Chloroethane	<2.7	ug/L	10.0	2.7	2		05/02/19 09:48	75-00-3	
Chloroform	<2.5	ug/L	10.0	2.5	2		05/02/19 09:48	67-66-3	
Chloromethane	<4.4	ug/L	14.6	4.4	2		05/02/19 09:48	74-87-3	
2-Chlorotoluene	<1.9	ug/L	10.0	1.9	2		05/02/19 09:48	95-49-8	
4-Chlorotoluene	<1.5	ug/L	5.0	1.5	2		05/02/19 09:48	106-43-4	
1,2-Dibromo-3-chloropropane	<3.5	ug/L	11.8	3.5	2		05/02/19 09:48	96-12-8	
Dibromochloromethane	<5.2	ug/L	17.3	5.2	2		05/02/19 09:48	124-48-1	
1,2-Dibromoethane (EDB)	<1.7	ug/L	5.5	1.7	2		05/02/19 09:48	106-93-4	
Dibromomethane	<1.9	ug/L	6.2	1.9	2		05/02/19 09:48	74-95-3	
1,2-Dichlorobenzene	<1.4	ug/L	4.7	1.4	2		05/02/19 09:48	95-50-1	
1,3-Dichlorobenzene	<1.3	ug/L	4.2	1.3	2		05/02/19 09:48	541-73-1	
1,4-Dichlorobenzene	<1.9	ug/L	6.3	1.9	2		05/02/19 09:48	106-46-7	
Dichlorodifluoromethane	<1.0	ug/L	10.0	1.0	2		05/02/19 09:48	75-71-8	
1,1-Dichloroethane	<0.55	ug/L	2.0	0.55	2		05/02/19 09:48	75-34-3	
1,2-Dichloroethane	<0.56	ug/L	2.0	0.56	2		05/02/19 09:48	107-06-2	
1,1-Dichloroethene	<0.49	ug/L	2.0	0.49	2		05/02/19 09:48	75-35-4	
cis-1,2-Dichloroethene	0.82J	ug/L	2.0	0.54	2		05/02/19 09:48	156-59-2	
trans-1,2-Dichloroethene	<2.2	ug/L	7.3	2.2	2		05/02/19 09:48	156-60-5	
1,2-Dichloropropane	<0.57	ug/L	2.0	0.57	2		05/02/19 09:48	78-87-5	
1,3-Dichloropropane	<1.7	ug/L	5.5	1.7	2		05/02/19 09:48	142-28-9	
2,2-Dichloropropane	<4.5	ug/L	15.1	4.5	2		05/02/19 09:48	594-20-7	
1,1-Dichloropropene	<1.1	ug/L	3.6	1.1	2		05/02/19 09:48	563-58-6	
cis-1,3-Dichloropropene	<7.3	ug/L	24.2	7.3	2		05/02/19 09:48	10061-01-5	
trans-1,3-Dichloropropene	<8.7	ug/L	29.1	8.7	2		05/02/19 09:48	10061-02-6	
Diisopropyl ether	<3.8	ug/L	12.6	3.8	2		05/02/19 09:48	108-20-3	
Ethylbenzene	<0.44	ug/L	2.0	0.44	2		05/02/19 09:48	100-41-4	
Hexachloro-1,3-butadiene	<2.4	ug/L	10.0	2.4	2		05/02/19 09:48	87-68-3	
Isopropylbenzene (Cumene)	<0.79	ug/L	10.0	0.79	2		05/02/19 09:48	98-82-8	
p-Isopropyltoluene	<1.6	ug/L	5.3	1.6	2		05/02/19 09:48	99-87-6	
Methylene Chloride	<1.2	ug/L	10.0	1.2	2		05/02/19 09:48	75-09-2	
Methyl-tert-butyl ether	<2.5	ug/L	8.3	2.5	2		05/02/19 09:48	1634-04-4	
Naphthalene	<2.4	ug/L	10.0	2.4	2		05/02/19 09:48	91-20-3	
n-Propylbenzene	<1.6	ug/L	10.0	1.6	2		05/02/19 09:48	103-65-1	
Styrene	<0.93	ug/L	3.1	0.93	2		05/02/19 09:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.54	ug/L	2.0	0.54	2		05/02/19 09:48	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ14**      **Lab ID: 40186548012**      Collected: 04/24/19 11:40      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.55	ug/L	2.0	0.55	2		05/02/19 09:48	79-34-5	
Tetrachloroethene	188	ug/L	2.2	0.65	2		05/02/19 09:48	127-18-4	
Toluene	<0.34	ug/L	10.0	0.34	2		05/02/19 09:48	108-88-3	
1,2,3-Trichlorobenzene	<1.3	ug/L	10.0	1.3	2		05/02/19 09:48	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	10.0	1.9	2		05/02/19 09:48	120-82-1	
1,1,1-Trichloroethane	<0.49	ug/L	2.0	0.49	2		05/02/19 09:48	71-55-6	
1,1,2-Trichloroethane	<1.1	ug/L	10.0	1.1	2		05/02/19 09:48	79-00-5	
Trichloroethene	26.6	ug/L	2.0	0.51	2		05/02/19 09:48	79-01-6	
Trichlorofluoromethane	<0.43	ug/L	2.0	0.43	2		05/02/19 09:48	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	10.0	1.2	2		05/02/19 09:48	96-18-4	
1,2,4-Trimethylbenzene	<1.7	ug/L	5.6	1.7	2		05/02/19 09:48	95-63-6	
1,3,5-Trimethylbenzene	<1.7	ug/L	5.8	1.7	2		05/02/19 09:48	108-67-8	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		05/02/19 09:48	75-01-4	
m&p-Xylene	<0.93	ug/L	4.0	0.93	2		05/02/19 09:48	179601-23-1	
o-Xylene	<0.52	ug/L	2.0	0.52	2		05/02/19 09:48	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		2		05/02/19 09:48	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		2		05/02/19 09:48	1868-53-7	
Toluene-d8 (S)	99	%	70-130		2		05/02/19 09:48	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Project No.: 40186548

**Sample: CPZ15**      **Lab ID: 40186548013**      Collected: 04/24/19 10:50      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		05/02/19 13:48	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/02/19 13:48	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/02/19 13:48	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/02/19 13:48	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/02/19 13:48	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/02/19 13:48	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 13:48	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/02/19 13:48	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/02/19 13:48	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/02/19 13:48	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 13:48	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/02/19 13:48	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/02/19 13:48	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/02/19 13:48	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/02/19 13:48	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/02/19 13:48	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/02/19 13:48	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/02/19 13:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/02/19 13:48	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/02/19 13:48	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/02/19 13:48	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/02/19 13:48	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/02/19 13:48	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/02/19 13:48	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 13:48	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 13:48	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/02/19 13:48	75-35-4	
cis-1,2-Dichloroethene	39.9	ug/L	1.0	0.27	1		05/02/19 13:48	156-59-2	
trans-1,2-Dichloroethene	61.6	ug/L	3.6	1.1	1		05/02/19 13:48	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/02/19 13:48	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/02/19 13:48	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/02/19 13:48	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/02/19 13:48	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/02/19 13:48	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/02/19 13:48	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/02/19 13:48	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/02/19 13:48	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/02/19 13:48	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/02/19 13:48	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/02/19 13:48	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/02/19 13:48	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/02/19 13:48	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/02/19 13:48	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/02/19 13:48	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/02/19 13:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/02/19 13:48	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ15**      **Lab ID: 40186548013**      Collected: 04/24/19 10:50      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/02/19 13:48	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/02/19 13:48	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/02/19 13:48	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/02/19 13:48	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/19 13:48	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/02/19 13:48	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/02/19 13:48	79-00-5	
Trichloroethene	47.2	ug/L	1.0	0.26	1		05/02/19 13:48	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/02/19 13:48	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/02/19 13:48	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/02/19 13:48	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/02/19 13:48	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/02/19 13:48	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/02/19 13:48	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/02/19 13:48	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		05/02/19 13:48	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/02/19 13:48	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/02/19 13:48	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS  
 Pace Project No.: 40186548

Sample: CPZ16 Lab ID: 40186548014 Collected: 04/24/19 11:00 Received: 04/26/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		05/03/19 01:53	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/03/19 01:53	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/03/19 01:53	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/03/19 01:53	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/03/19 01:53	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/03/19 01:53	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 01:53	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/03/19 01:53	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/03/19 01:53	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/03/19 01:53	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 01:53	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/03/19 01:53	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/03/19 01:53	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/03/19 01:53	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/03/19 01:53	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/03/19 01:53	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/03/19 01:53	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/03/19 01:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/03/19 01:53	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/03/19 01:53	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 01:53	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/03/19 01:53	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/03/19 01:53	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/03/19 01:53	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/03/19 01:53	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/03/19 01:53	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/03/19 01:53	75-35-4	
cis-1,2-Dichloroethene	16.0	ug/L	1.0	0.27	1		05/03/19 01:53	156-59-2	
trans-1,2-Dichloroethene	20.3	ug/L	3.6	1.1	1		05/03/19 01:53	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/03/19 01:53	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/03/19 01:53	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/03/19 01:53	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/03/19 01:53	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/03/19 01:53	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/03/19 01:53	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/03/19 01:53	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/03/19 01:53	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/03/19 01:53	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/03/19 01:53	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/03/19 01:53	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/03/19 01:53	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/03/19 01:53	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/03/19 01:53	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/03/19 01:53	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/03/19 01:53	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/03/19 01:53	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ16**      **Lab ID: 40186548014**      Collected: 04/24/19 11:00      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/03/19 01:53	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/03/19 01:53	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/03/19 01:53	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/03/19 01:53	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/03/19 01:53	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/03/19 01:53	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/03/19 01:53	79-00-5	
Trichloroethene	27.7	ug/L	1.0	0.26	1		05/03/19 01:53	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/03/19 01:53	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/03/19 01:53	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/03/19 01:53	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/03/19 01:53	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/03/19 01:53	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/03/19 01:53	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/03/19 01:53	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		05/03/19 01:53	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		05/03/19 01:53	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		05/03/19 01:53	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

Sample: CPZ17 Lab ID: 40186548015 Collected: 04/24/19 11:10 Received: 04/26/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		05/03/19 00:27	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/03/19 00:27	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/03/19 00:27	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/03/19 00:27	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/03/19 00:27	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/03/19 00:27	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 00:27	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/03/19 00:27	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/03/19 00:27	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/03/19 00:27	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 00:27	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/03/19 00:27	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/03/19 00:27	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/03/19 00:27	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/03/19 00:27	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/03/19 00:27	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/03/19 00:27	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/03/19 00:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/03/19 00:27	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/03/19 00:27	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 00:27	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/03/19 00:27	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/03/19 00:27	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/03/19 00:27	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/03/19 00:27	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/03/19 00:27	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/03/19 00:27	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/03/19 00:27	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/03/19 00:27	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/03/19 00:27	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/03/19 00:27	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/03/19 00:27	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/03/19 00:27	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/03/19 00:27	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/03/19 00:27	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/03/19 00:27	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/03/19 00:27	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/03/19 00:27	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/03/19 00:27	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/03/19 00:27	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/03/19 00:27	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/03/19 00:27	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/03/19 00:27	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/03/19 00:27	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/03/19 00:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/03/19 00:27	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ17**      **Lab ID: 40186548015**      Collected: 04/24/19 11:10      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/03/19 00:27	79-34-5	
Tetrachloroethene	75.5	ug/L	1.1	0.33	1		05/03/19 00:27	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/03/19 00:27	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/03/19 00:27	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/03/19 00:27	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/03/19 00:27	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/03/19 00:27	79-00-5	
Trichloroethene	2.1	ug/L	1.0	0.26	1		05/03/19 00:27	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/03/19 00:27	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/03/19 00:27	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/03/19 00:27	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/03/19 00:27	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/03/19 00:27	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/03/19 00:27	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/03/19 00:27	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		05/03/19 00:27	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		05/03/19 00:27	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/03/19 00:27	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS  
Pace Project No.: 40186548

Sample: CPZ18 Lab ID: 40186548016 Collected: 04/24/19 11:50 Received: 04/26/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		05/03/19 00:49	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/03/19 00:49	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/03/19 00:49	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/03/19 00:49	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/03/19 00:49	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/03/19 00:49	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 00:49	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/03/19 00:49	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/03/19 00:49	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/03/19 00:49	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 00:49	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/03/19 00:49	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/03/19 00:49	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/03/19 00:49	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/03/19 00:49	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/03/19 00:49	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/03/19 00:49	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/03/19 00:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/03/19 00:49	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/03/19 00:49	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 00:49	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/03/19 00:49	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/03/19 00:49	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/03/19 00:49	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/03/19 00:49	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/03/19 00:49	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/03/19 00:49	75-35-4	
cis-1,2-Dichloroethene	11.1	ug/L	1.0	0.27	1		05/03/19 00:49	156-59-2	
trans-1,2-Dichloroethene	16.0	ug/L	3.6	1.1	1		05/03/19 00:49	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/03/19 00:49	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/03/19 00:49	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/03/19 00:49	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/03/19 00:49	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/03/19 00:49	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/03/19 00:49	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/03/19 00:49	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/03/19 00:49	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/03/19 00:49	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/03/19 00:49	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/03/19 00:49	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/03/19 00:49	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/03/19 00:49	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/03/19 00:49	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/03/19 00:49	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/03/19 00:49	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/03/19 00:49	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ18**      **Lab ID: 40186548016**      Collected: 04/24/19 11:50      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/03/19 00:49	79-34-5	
Tetrachloroethene	14.2	ug/L	1.1	0.33	1		05/03/19 00:49	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/03/19 00:49	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/03/19 00:49	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/03/19 00:49	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/03/19 00:49	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/03/19 00:49	79-00-5	
Trichloroethene	25.8	ug/L	1.0	0.26	1		05/03/19 00:49	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/03/19 00:49	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/03/19 00:49	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/03/19 00:49	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/03/19 00:49	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/03/19 00:49	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/03/19 00:49	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/03/19 00:49	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		05/03/19 00:49	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		05/03/19 00:49	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/03/19 00:49	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Project No.: 40186548

**Sample:** CPZ19      **Lab ID:** 40186548017      Collected: 04/24/19 11:25      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		05/03/19 01:10	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/03/19 01:10	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/03/19 01:10	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/03/19 01:10	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/03/19 01:10	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/03/19 01:10	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 01:10	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/03/19 01:10	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/03/19 01:10	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/03/19 01:10	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 01:10	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/03/19 01:10	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/03/19 01:10	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/03/19 01:10	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/03/19 01:10	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/03/19 01:10	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/03/19 01:10	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/03/19 01:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/03/19 01:10	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/03/19 01:10	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 01:10	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/03/19 01:10	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/03/19 01:10	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/03/19 01:10	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/03/19 01:10	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/03/19 01:10	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/03/19 01:10	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/03/19 01:10	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/03/19 01:10	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/03/19 01:10	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/03/19 01:10	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/03/19 01:10	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/03/19 01:10	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/03/19 01:10	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/03/19 01:10	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/03/19 01:10	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/03/19 01:10	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/03/19 01:10	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/03/19 01:10	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/03/19 01:10	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/03/19 01:10	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/03/19 01:10	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/03/19 01:10	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/03/19 01:10	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/03/19 01:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/03/19 01:10	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ19**      **Lab ID: 40186548017**      Collected: 04/24/19 11:25      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/03/19 01:10	79-34-5	
Tetrachloroethene	2.0	ug/L	1.1	0.33	1		05/03/19 01:10	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/03/19 01:10	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/03/19 01:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/03/19 01:10	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/03/19 01:10	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/03/19 01:10	79-00-5	
Trichloroethene	0.82J	ug/L	1.0	0.26	1		05/03/19 01:10	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/03/19 01:10	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/03/19 01:10	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/03/19 01:10	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/03/19 01:10	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/03/19 01:10	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/03/19 01:10	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/03/19 01:10	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		05/03/19 01:10	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		05/03/19 01:10	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/03/19 01:10	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ20**      **Lab ID: 40186548018**      Collected: 04/24/19 10:45      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		05/03/19 01:32	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/03/19 01:32	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/03/19 01:32	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/03/19 01:32	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/03/19 01:32	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/03/19 01:32	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 01:32	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/03/19 01:32	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/03/19 01:32	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/03/19 01:32	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 01:32	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/03/19 01:32	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/03/19 01:32	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/03/19 01:32	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/03/19 01:32	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/03/19 01:32	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/03/19 01:32	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/03/19 01:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/03/19 01:32	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/03/19 01:32	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/03/19 01:32	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/03/19 01:32	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/03/19 01:32	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/03/19 01:32	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/03/19 01:32	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/03/19 01:32	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/03/19 01:32	75-35-4	
cis-1,2-Dichloroethene	27.7	ug/L	1.0	0.27	1		05/03/19 01:32	156-59-2	
trans-1,2-Dichloroethene	5.5	ug/L	3.6	1.1	1		05/03/19 01:32	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/03/19 01:32	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/03/19 01:32	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/03/19 01:32	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/03/19 01:32	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/03/19 01:32	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/03/19 01:32	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/03/19 01:32	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/03/19 01:32	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/03/19 01:32	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/03/19 01:32	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/03/19 01:32	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/03/19 01:32	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/03/19 01:32	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/03/19 01:32	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/03/19 01:32	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		05/03/19 01:32	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/03/19 01:32	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

**Sample: CPZ20**      **Lab ID: 40186548018**      Collected: 04/24/19 10:45      Received: 04/26/19 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/03/19 01:32	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/03/19 01:32	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		05/03/19 01:32	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/03/19 01:32	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/03/19 01:32	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/03/19 01:32	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/03/19 01:32	79-00-5	
Trichloroethene	10.1	ug/L	1.0	0.26	1		05/03/19 01:32	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/03/19 01:32	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/03/19 01:32	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/03/19 01:32	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/03/19 01:32	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/03/19 01:32	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		05/03/19 01:32	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		05/03/19 01:32	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		05/03/19 01:32	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		05/03/19 01:32	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/03/19 01:32	2037-26-5	

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**QUALITY CONTROL DATA**

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

QC Batch: 319730 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
 Associated Lab Samples: 40186548001, 40186548002, 40186548003, 40186548004, 40186548005, 40186548006, 40186548007,  
 40186548008, 40186548009, 40186548010, 40186548011, 40186548012, 40186548013, 40186548014,  
 40186548015, 40186548016, 40186548017, 40186548018

METHOD BLANK: 1858031 Matrix: Water  
 Associated Lab Samples: 40186548001, 40186548002, 40186548003, 40186548004, 40186548005, 40186548006, 40186548007,  
 40186548008, 40186548009, 40186548010, 40186548011, 40186548012, 40186548013, 40186548014,  
 40186548015, 40186548016, 40186548017, 40186548018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	05/02/19 07:17	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	05/02/19 07:17	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	05/02/19 07:17	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	05/02/19 07:17	
1,1-Dichloroethane	ug/L	<0.27	1.0	05/02/19 07:17	
1,1-Dichloroethene	ug/L	<0.24	1.0	05/02/19 07:17	
1,1-Dichloropropene	ug/L	<0.54	1.8	05/02/19 07:17	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	05/02/19 07:17	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	05/02/19 07:17	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	05/02/19 07:17	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	05/02/19 07:17	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	05/02/19 07:17	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	05/02/19 07:17	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	05/02/19 07:17	
1,2-Dichloroethane	ug/L	<0.28	1.0	05/02/19 07:17	
1,2-Dichloropropane	ug/L	<0.28	1.0	05/02/19 07:17	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	05/02/19 07:17	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	05/02/19 07:17	
1,3-Dichloropropane	ug/L	<0.83	2.8	05/02/19 07:17	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	05/02/19 07:17	
2,2-Dichloropropane	ug/L	<2.3	7.6	05/02/19 07:17	
2-Chlorotoluene	ug/L	<0.93	5.0	05/02/19 07:17	
4-Chlorotoluene	ug/L	<0.76	2.5	05/02/19 07:17	
Benzene	ug/L	<0.25	1.0	05/02/19 07:17	
Bromobenzene	ug/L	<0.24	1.0	05/02/19 07:17	
Bromochloromethane	ug/L	<0.36	5.0	05/02/19 07:17	
Bromodichloromethane	ug/L	<0.36	1.2	05/02/19 07:17	
Bromoform	ug/L	<4.0	13.2	05/02/19 07:17	
Bromomethane	ug/L	<0.97	5.0	05/02/19 07:17	
Carbon tetrachloride	ug/L	<0.17	1.0	05/02/19 07:17	
Chlorobenzene	ug/L	<0.71	2.4	05/02/19 07:17	
Chloroethane	ug/L	<1.3	5.0	05/02/19 07:17	
Chloroform	ug/L	<1.3	5.0	05/02/19 07:17	
Chloromethane	ug/L	<2.2	7.3	05/02/19 07:17	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	05/02/19 07:17	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	05/02/19 07:17	
Dibromochloromethane	ug/L	<2.6	8.7	05/02/19 07:17	
Dibromomethane	ug/L	<0.94	3.1	05/02/19 07:17	

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

METHOD BLANK: 1858031

Matrix: Water

Associated Lab Samples: 40186548001, 40186548002, 40186548003, 40186548004, 40186548005, 40186548006, 40186548007, 40186548008, 40186548009, 40186548010, 40186548011, 40186548012, 40186548013, 40186548014, 40186548015, 40186548016, 40186548017, 40186548018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.50	5.0	05/02/19 07:17	
Diisopropyl ether	ug/L	<1.9	6.3	05/02/19 07:17	
Ethylbenzene	ug/L	<0.22	1.0	05/02/19 07:17	
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	05/02/19 07:17	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	05/02/19 07:17	
m&p-Xylene	ug/L	<0.47	2.0	05/02/19 07:17	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	05/02/19 07:17	
Methylene Chloride	ug/L	<0.58	5.0	05/02/19 07:17	
n-Butylbenzene	ug/L	<0.71	2.4	05/02/19 07:17	
n-Propylbenzene	ug/L	<0.81	5.0	05/02/19 07:17	
Naphthalene	ug/L	<1.2	5.0	05/02/19 07:17	
o-Xylene	ug/L	<0.26	1.0	05/02/19 07:17	
p-Isopropyltoluene	ug/L	<0.80	2.7	05/02/19 07:17	
sec-Butylbenzene	ug/L	<0.85	5.0	05/02/19 07:17	
Styrene	ug/L	<0.47	1.6	05/02/19 07:17	
tert-Butylbenzene	ug/L	<0.30	1.0	05/02/19 07:17	
Tetrachloroethene	ug/L	<0.33	1.1	05/02/19 07:17	
Toluene	ug/L	<0.17	5.0	05/02/19 07:17	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	05/02/19 07:17	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	05/02/19 07:17	
Trichloroethene	ug/L	<0.26	1.0	05/02/19 07:17	
Trichlorofluoromethane	ug/L	<0.21	1.0	05/02/19 07:17	
Vinyl chloride	ug/L	<0.17	1.0	05/02/19 07:17	
4-Bromofluorobenzene (S)	%	89	70-130	05/02/19 07:17	
Dibromofluoromethane (S)	%	101	70-130	05/02/19 07:17	
Toluene-d8 (S)	%	99	70-130	05/02/19 07:17	

LABORATORY CONTROL SAMPLE: 1858032

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.7	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.5	91	70-130	
1,1,2-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1-Dichloroethane	ug/L	50	47.7	95	73-150	
1,1-Dichloroethene	ug/L	50	49.0	98	73-138	
1,2,4-Trichlorobenzene	ug/L	50	47.7	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.1	88	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	49.1	98	70-130	
1,2-Dichlorobenzene	ug/L	50	50.6	101	70-130	
1,2-Dichloroethane	ug/L	50	46.9	94	75-140	
1,2-Dichloropropane	ug/L	50	45.8	92	73-135	
1,3-Dichlorobenzene	ug/L	50	48.6	97	70-130	

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

LABORATORY CONTROL SAMPLE: 1858032

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	50.2	100	70-130	
Benzene	ug/L	50	50.2	100	70-130	
Bromodichloromethane	ug/L	50	50.6	101	70-130	
Bromoform	ug/L	50	46.2	92	68-129	
Bromomethane	ug/L	50	37.5	75	18-159	
Carbon tetrachloride	ug/L	50	50.0	100	70-130	
Chlorobenzene	ug/L	50	52.9	106	70-130	
Chloroethane	ug/L	50	40.5	81	53-147	
Chloroform	ug/L	50	48.3	97	74-136	
Chloromethane	ug/L	50	27.6	55	29-115	
cis-1,2-Dichloroethene	ug/L	50	47.8	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	44.8	90	70-130	
Dibromochloromethane	ug/L	50	51.3	103	70-130	
Dichlorodifluoromethane	ug/L	50	28.0	56	10-130	
Ethylbenzene	ug/L	50	54.4	109	80-124	
Isopropylbenzene (Cumene)	ug/L	50	53.2	106	70-130	
m&p-Xylene	ug/L	100	113	113	70-130	
Methyl-tert-butyl ether	ug/L	50	46.9	94	54-137	
Methylene Chloride	ug/L	50	52.0	104	73-138	
o-Xylene	ug/L	50	55.1	110	70-130	
Styrene	ug/L	50	51.4	103	70-130	
Tetrachloroethene	ug/L	50	51.1	102	70-130	
Toluene	ug/L	50	52.8	106	80-126	
trans-1,2-Dichloroethene	ug/L	50	52.2	104	73-145	
trans-1,3-Dichloropropene	ug/L	50	44.8	90	70-130	
Trichloroethene	ug/L	50	49.8	100	70-130	
Trichlorofluoromethane	ug/L	50	48.5	97	76-147	
Vinyl chloride	ug/L	50	33.9	68	51-120	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1860704 1860705

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40186448005 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<1.0	50	50	52.6	53.8	105	108	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	45.9	48.6	92	97	70-130	6	20	
1,1,2-Trichloroethane	ug/L	<5.0	50	50	51.4	52.3	103	105	70-137	2	20	
1,1-Dichloroethane	ug/L	<1.0	50	50	49.1	50.0	98	100	73-153	2	20	
1,1-Dichloroethene	ug/L	<1.0	50	50	50.9	53.3	102	107	73-138	4	20	
1,2,4-Trichlorobenzene	ug/L	<5.0	50	50	47.6	49.9	95	100	70-130	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<5.9	50	50	44.4	47.5	89	95	58-129	7	20	
1,2-Dibromoethane (EDB)	ug/L	<2.8	50	50	50.7	52.3	101	105	70-130	3	20	

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### QUALITY CONTROL DATA

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1860704		1860705									
Parameter	Units	40186448005	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
1,2-Dichlorobenzene	ug/L	<2.4	50	50	50.6	53.5	101	107	70-130	6	20		
1,2-Dichloroethane	ug/L	<1.0	50	50	48.1	50.5	96	101	75-140	5	20		
1,2-Dichloropropane	ug/L	<1.0	50	50	46.4	47.2	93	94	71-138	2	20		
1,3-Dichlorobenzene	ug/L	<2.1	50	50	49.8	51.2	100	102	70-130	3	20		
1,4-Dichlorobenzene	ug/L	<3.1	50	50	50.1	52.6	100	105	70-130	5	20		
Benzene	ug/L	<1.0	50	50	51.1	52.7	102	105	70-130	3	20		
Bromodichloromethane	ug/L	<1.2	50	50	51.8	53.2	104	106	70-130	3	20		
Bromoform	ug/L	<13.2	50	50	46.3	48.3	93	97	68-129	4	20		
Bromomethane	ug/L	<5.0	50	50	40.9	41.9	82	84	15-170	3	20		
Carbon tetrachloride	ug/L	<1.0	50	50	51.7	52.9	103	106	70-130	2	20		
Chlorobenzene	ug/L	<2.4	50	50	53.7	55.3	107	111	70-130	3	20		
Chloroethane	ug/L	<5.0	50	50	41.4	42.9	83	86	51-148	4	20		
Chloroform	ug/L	<5.0	50	50	50.0	51.2	100	102	74-136	2	20		
Chloromethane	ug/L	<7.3	50	50	27.9	28.1	56	56	23-115	1	20		
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	49.7	51.1	99	102	70-131	3	20		
cis-1,3-Dichloropropene	ug/L	<12.1	50	50	46.2	47.5	92	95	70-130	3	20		
Dibromochloromethane	ug/L	<8.7	50	50	52.1	53.8	104	108	70-130	3	20		
Dichlorodifluoromethane	ug/L	<5.0	50	50	28.4	28.7	57	57	10-132	1	20		
Ethylbenzene	ug/L	<1.0	50	50	56.2	57.1	112	114	80-125	1	20		
Isopropylbenzene (Cumene)	ug/L	<5.0	50	50	54.0	55.4	108	111	70-130	3	20		
m&p-Xylene	ug/L	<2.0	100	100	116	117	116	117	70-130	1	20		
Methyl-tert-butyl ether	ug/L	<4.2	50	50	47.7	50.2	95	100	51-145	5	20		
Methylene Chloride	ug/L	<5.0	50	50	52.9	53.8	106	108	73-140	2	20		
o-Xylene	ug/L	<1.0	50	50	57.4	58.3	115	117	70-130	1	20		
Styrene	ug/L	<1.6	50	50	52.5	53.8	105	108	70-130	2	20		
Tetrachloroethene	ug/L	<1.1	50	50	53.1	54.0	106	108	70-130	2	20		
Toluene	ug/L	<5.0	50	50	54.9	55.7	110	111	80-131	1	20		
trans-1,2-Dichloroethene	ug/L	<3.6	50	50	54.6	55.8	109	112	73-148	2	20		
trans-1,3-Dichloropropene	ug/L	<14.6	50	50	47.4	47.5	95	95	70-130	0	20		
Trichloroethene	ug/L	<1.0	50	50	52.9	53.9	106	108	70-130	2	20		
Trichlorofluoromethane	ug/L	<1.0	50	50	49.6	52.0	99	104	74-147	5	20		
Vinyl chloride	ug/L	<1.0	50	50	35.9	36.7	72	73	41-129	2	20		
4-Bromofluorobenzene (S)	%						99	100	70-130				
Dibromofluoromethane (S)	%						101	101	70-130				
Toluene-d8 (S)	%						100	99	70-130				

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

### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

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### 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.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1933 NORMINGTON DRY CLEANERS

Pace Project No.: 40186548

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40186548001	PZWR2	EPA 8260	319730		
40186548002	CPZ4R	EPA 8260	319730		
40186548003	CPZ5	EPA 8260	319730		
40186548004	CPZ5D	EPA 8260	319730		
40186548005	CPZ7	EPA 8260	319730		
40186548006	CPZ8	EPA 8260	319730		
40186548007	CPZ9	EPA 8260	319730		
40186548008	CPZ10	EPA 8260	319730		
40186548009	CPZ11	EPA 8260	319730		
40186548010	CPZ12	EPA 8260	319730		
40186548011	CPZ13	EPA 8260	319730		
40186548012	CPZ14	EPA 8260	319730		
40186548013	CPZ15	EPA 8260	319730		
40186548014	CPZ16	EPA 8260	319730		
40186548015	CPZ17	EPA 8260	319730		
40186548016	CPZ18	EPA 8260	319730		
40186548017	CPZ19	EPA 8260	319730		
40186548018	CPZ20	EPA 8260	319730		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN OF CUSTODY

Preservation Codes  
 A=None B=HCL C=H2SO4 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

*(Please Print Clearly)*

Company Name: REI  
 Branch/Location: Waukegan  
 Project Contact: Andy DeForge  
 Phone: 715-675-9784  
 Project Number: 1933  
 Project Name: Norington Dry Cleaners  
 Project State: WI  
 Sampled By (Print): Ryan Rusch  
 Sampled By (Sign): *[Signature]*  
 PO #: \_\_\_\_\_

Regulatory Program: \_\_\_\_\_

Data Package Options (billable)  
 EPA Level III  
 EPA Level IV  
 On your sample (billable)  
 NOT needed on your sample

Matrix Codes  
 W = Water  
 DW = Drinking Water  
 GW = Ground Water  
 C = Charcoal  
 O = Oil  
 S = Soil  
 SI = Sludge  
 WP = Waste Water  
 WP = Wipe

PAGE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	PZWR2	4/24/15	4:00	GW
002	CPZ4R		4:15	
003	CPZ5		3:45	
004	CPZ5D		2:45	
005	CPZ7		2:30	
006	CPZ8		2:15	
007	CPZ9		12:15	
008	CPZ10		3:00	
009	CPZ11		3:15	
010	CPZ12		3:30	
011	CPZ13		12:00	
012	CPZ14		11:40	
013	CPZ15		10:50	

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)

Date Needed: \_\_\_\_\_

Transmit Prelim Rush Results by (complete what you want):  
 Email #1: \_\_\_\_\_  
 Email #2: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 Fax: \_\_\_\_\_

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

Quote #: \_\_\_\_\_

Mail To Contact: Andy DeForge  
 Mail To Company: REI  
 Mail To Address: Adelforge@reidev.com

Invoice To Contact: SAA  
 Invoice To Company: L  
 Invoice To Address: \_\_\_\_\_

Invoice To Phone: \_\_\_\_\_

CLIENT COMMENTS  
 LAB COMMENTS (Lab Use Only)  
 Profile #

Received By: *[Signature]* Date/Time: 4/25/19 3:30P  
 Received By: *[Signature]* Date/Time: 4/29/19 0900  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Sample Receipt pH  
 OK / Adjusted  
 Cooler Custody Seal  
 Present / Not Present  
 Intact / Not Intact

Receipt Temp = 60 °C

PAGE Project No. \_\_\_\_\_





**CHAIN OF CUSTODY**

**Preservation Codes**  
 A=None B=HCL C=H2SO4 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

**FILTERED?**  
 (YES/NO)

**PRESERVATION  
 (CODE)\***

Y/N N  
 Pick List  $\beta$

**Regulatory  
 Program:**

**Matrix Codes**  
 W = Water  
 DW = Drinking Water  
 GW = Ground Water  
 SW = Surface Water  
 WW = Waste Water  
 WP = Wipe

**Data Package Options**  
 (billable)  
 EPA Level III  
 EPA Level IV

**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
014	CPZ16	4/24/19	11:00	GW
015	CPZ17		11:10	
016	CPZ18		11:20	
017	CPZ19		11:25	
018	CPZ20		11:45	

Analyses Requested  
 VOCs

**Quote #:**  
**Mail To Contact:** Andy DeForge  
**Mail To Company:** REI  
**Mail To Address:** Adelforge@reyenergy.com  
**Invoice To Contact:** SAA  
**Invoice To Company:** I  
**Invoice To Address:**  
**Invoice To Phone:**  
**CLIENT COMMENTS**  
**LAB COMMENTS (Lab Use Only)**  
**Profile #**

Page 48 of 50

**Relinquished By:** [Signature] 4/25/19 3:30P  
**Relinquished By:** [Signature] 4/26/19 8:00  
**Relinquished By:**  
**Relinquished By:**  
**Relinquished By:**

**Received By:** [Signature] 4/26/19 0900  
**Received By:**  
**Received By:**  
**Received By:**

**PACE Project No.**  
**Date/Time:**  
**Receipt Temp =** 60.1 °C  
**Sample Receipt pH**  
 OK / Adjusted  
**Cooler Custody Seal**  
 Present / Not Present  
 Intact / Not Intact

**Company Name:** REI  
**Branch/Location:** Wausau  
**Project Contact:** Andy DeForge  
**Phone:** 715-675-9784  
**Project Number:** 1933  
**Project Name:** Nixon Dry Cleaners  
**Project State:** WI  
**Sampled By (Print):** Ryan Busch  
**Sampled By (Sign):** [Signature]  
**PO #:**

**Rush Turnaround Time Requested - Prelims**  
 (Rush TAT subject to approval/surcharge)  
**Date Needed:**

**Transmit Prelim Rush Results by (complete what you want):**  
**Email #1:**  
**Email #2:**  
**Telephone:**  
**Fax:**  
**Samples on HOLD are subject to special pricing and release of liability**

**Sample Preservation Receipt Form**

Client Name: REL

Project # 40186548

All containers needing preservation have been checked and noted below:  Yes  No  N/A  
Lab Lot# of pH paper: \_\_\_\_\_ Lab Std #ID of preservation (if pH adjusted): \_\_\_\_\_

Initial when completed:

Date/Time: \_\_\_\_\_

Pace Lab #	Glass			Plastic			Vials				Jars	General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)												
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N								BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC
001																																2.5/5/10
002																																2.5/5/10
003																																2.5/5/10
004																																2.5/5/10
005																																2.5/5/10
006																																2.5/5/10
007																																2.5/5/10
008																																2.5/5/10
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014																																2.5/5/10
015																																2.5/5/10
016																																2.5/5/10
017																																2.5/5/10
018																																2.5/5/10
019																																2.5/5/10
020																																2.5/5/10

Exceptions to preservation check VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: \_\_\_\_\_ Headspace in VOA Vials (>6mm):  Yes  No  N/A \*If yes look in headspace column

AG1U	AG1H	AG4S	AG4U	AG5U	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN:	
1 liter amber glass	1 liter amber glass HCL	125 mL amber glass H2SO4	120 mL amber glass unpres	100 mL amber glass unpres	500 mL amber glass H2SO4	250 mL clear glass unpres	1 liter plastic unpres	500 mL plastic HNO3	500 mL plastic NaOH, Znact	250 mL plastic unpres	250 mL plastic NaOH	250 mL plastic HNO3	250 mL plastic H2SO4	40 mL amber ascorbic	40 mL amber Na Thio	40 mL clear vial unpres	40 mL clear vial HCL	40 mL clear vial MeOH	40 mL clear vial DI	4 oz amber jar unpres	4 oz clear jar unpres	4 oz plastic jar unpres	120 mL plastic Na Thiosulfate	ziploc bag	GN:

1146



1241 Bellevue Street, Green Bay, WI 54302

Document Name:  
Sample Condition Upon Receipt (SCUR)

Document No.:  
F-GB-C-031-Rev.07

Document Revised: 25Apr2018

Issuing Authority:  
Pace Green Bay Quality Office

### Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40186548

Client Name: REL

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



Tracking #: 2039787-1

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 - N/A Type of Ice: Wet  Blue  Dry  None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RO1 / Corr: \_\_\_\_\_

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Person examining contents:

Date: 4/26/19

Initials: PLG

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

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

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

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: [Signature]

Date: 4-26-19

August 20, 2019

Andy Delforge  
REI  
4080 North 20th Avenue  
Wausau, WI 54401

RE: Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 40193087

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on August 15, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 40193087

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40193087001	CPZ19	Water	08/13/19 10:00	08/15/19 09:20
40193087002	CPZ20	Water	08/13/19 11:15	08/15/19 09:20
40193087003	CPZ5D	Water	08/13/19 11:30	08/15/19 09:20
40193087004	CPZ4R	Water	08/13/19 12:00	08/15/19 09:20
40193087005	CPZ5	Water	08/13/19 12:30	08/15/19 09:20
40193087006	PZWR2	Water	08/13/19 12:45	08/15/19 09:20
40193087007	CPZ7	Water	08/13/19 13:15	08/15/19 09:20
40193087008	CPZ8	Water	08/13/19 13:30	08/15/19 09:20
40193087009	CPZ9	Water	08/13/19 13:45	08/15/19 09:20
40193087010	CPZ10	Water	08/13/19 14:00	08/15/19 09:20
40193087011	CPZ11	Water	08/13/19 14:15	08/15/19 09:20
40193087012	CPZ12	Water	08/13/19 14:30	08/15/19 09:20
40193087013	CPZ13	Water	08/13/19 14:45	08/15/19 09:20
40193087014	CPZ14	Water	08/13/19 15:15	08/15/19 09:20
40193087015	CPZ15	Water	08/13/19 15:30	08/15/19 09:20
40193087016	CPZ16	Water	08/13/19 16:00	08/15/19 09:20
40193087017	CPZ17	Water	08/13/19 16:15	08/15/19 09:20
40193087018	CPZ18	Water	08/13/19 16:30	08/15/19 09:20
40193087019	BOENSKI	Water	08/13/19 16:45	08/15/19 09:20

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### SAMPLE ANALYTE COUNT

Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 40193087

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40193087001	CPZ19	EPA 8260	HNW	64	PASI-G
40193087002	CPZ20	EPA 8260	HNW	64	PASI-G
40193087003	CPZ5D	EPA 8260	HNW	64	PASI-G
40193087004	CPZ4R	EPA 8260	HNW	64	PASI-G
40193087005	CPZ5	EPA 8260	HNW	64	PASI-G
40193087006	PZWR2	EPA 8260	HNW	64	PASI-G
40193087007	CPZ7	EPA 8260	HNW	64	PASI-G
40193087008	CPZ8	EPA 8260	HNW	64	PASI-G
40193087009	CPZ9	EPA 8260	HNW	64	PASI-G
40193087010	CPZ10	EPA 8260	HNW	64	PASI-G
40193087011	CPZ11	EPA 8260	HNW	64	PASI-G
40193087012	CPZ12	EPA 8260	HNW	64	PASI-G
40193087013	CPZ13	EPA 8260	HNW	64	PASI-G
40193087014	CPZ14	EPA 8260	HNW	64	PASI-G
40193087015	CPZ15	EPA 8260	HNW	64	PASI-G
40193087016	CPZ16	EPA 8260	HNW	64	PASI-G
40193087017	CPZ17	EPA 8260	HNW	64	PASI-G
40193087018	CPZ18	EPA 8260	HNW	64	PASI-G
40193087019	BOENSKI	EPA 8260	HNW	64	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

Sample: CPZ19 Lab ID: 40193087001 Collected: 08/13/19 10:00 Received: 08/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/19/19 11:30	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/19/19 11:30	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/19/19 11:30	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/19/19 11:30	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/19/19 11:30	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/19/19 11:30	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 11:30	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/19/19 11:30	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/19/19 11:30	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/19/19 11:30	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 11:30	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/19/19 11:30	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/19/19 11:30	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/19/19 11:30	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/19/19 11:30	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/19/19 11:30	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/19/19 11:30	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/19/19 11:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/19/19 11:30	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/19/19 11:30	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 11:30	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/19/19 11:30	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/19/19 11:30	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/19/19 11:30	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 11:30	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 11:30	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/19/19 11:30	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		08/19/19 11:30	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		08/19/19 11:30	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/19/19 11:30	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/19/19 11:30	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/19/19 11:30	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/19/19 11:30	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/19/19 11:30	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/19/19 11:30	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/19/19 11:30	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/19/19 11:30	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/19/19 11:30	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/19/19 11:30	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/19/19 11:30	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/19/19 11:30	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/19/19 11:30	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/19/19 11:30	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/19/19 11:30	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/19/19 11:30	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 11:30	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 40193087

**Sample: CPZ19**      **Lab ID: 40193087001**      Collected: 08/13/19 10:00      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 11:30	79-34-5	
Tetrachloroethene	2.7	ug/L	1.1	0.33	1		08/19/19 11:30	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 11:30	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 11:30	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 11:30	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 11:30	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 11:30	79-00-5	
Trichloroethene	1.6	ug/L	1.0	0.26	1		08/19/19 11:30	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 11:30	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 11:30	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 11:30	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 11:30	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 11:30	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 11:30	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 11:30	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		1		08/19/19 11:30	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		08/19/19 11:30	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/19/19 11:30	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ20**      **Lab ID: 40193087002**      Collected: 08/13/19 11:15      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/19/19 11:51	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/19/19 11:51	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/19/19 11:51	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/19/19 11:51	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/19/19 11:51	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/19/19 11:51	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 11:51	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/19/19 11:51	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/19/19 11:51	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/19/19 11:51	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 11:51	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/19/19 11:51	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/19/19 11:51	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/19/19 11:51	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/19/19 11:51	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/19/19 11:51	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/19/19 11:51	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/19/19 11:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/19/19 11:51	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/19/19 11:51	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 11:51	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/19/19 11:51	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/19/19 11:51	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/19/19 11:51	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 11:51	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 11:51	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/19/19 11:51	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		08/19/19 11:51	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		08/19/19 11:51	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/19/19 11:51	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/19/19 11:51	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/19/19 11:51	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/19/19 11:51	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/19/19 11:51	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/19/19 11:51	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/19/19 11:51	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/19/19 11:51	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/19/19 11:51	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/19/19 11:51	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/19/19 11:51	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/19/19 11:51	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/19/19 11:51	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/19/19 11:51	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/19/19 11:51	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/19/19 11:51	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 11:51	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ20**      **Lab ID: 40193087002**      Collected: 08/13/19 11:15      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 11:51	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		08/19/19 11:51	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 11:51	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 11:51	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 11:51	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 11:51	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 11:51	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		08/19/19 11:51	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 11:51	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 11:51	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 11:51	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 11:51	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 11:51	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 11:51	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 11:51	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		08/19/19 11:51	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		08/19/19 11:51	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/19/19 11:51	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ5D**      **Lab ID: 40193087003**      Collected: 08/13/19 11:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/19/19 12:13	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/19/19 12:13	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/19/19 12:13	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/19/19 12:13	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/19/19 12:13	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/19/19 12:13	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 12:13	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/19/19 12:13	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/19/19 12:13	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/19/19 12:13	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 12:13	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/19/19 12:13	75-00-3	
Chloroform	4.0J	ug/L	5.0	1.3	1		08/19/19 12:13	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/19/19 12:13	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/19/19 12:13	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/19/19 12:13	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/19/19 12:13	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/19/19 12:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/19/19 12:13	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/19/19 12:13	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 12:13	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/19/19 12:13	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/19/19 12:13	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/19/19 12:13	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 12:13	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 12:13	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/19/19 12:13	75-35-4	
cis-1,2-Dichloroethene	0.85J	ug/L	1.0	0.27	1		08/19/19 12:13	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		08/19/19 12:13	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/19/19 12:13	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/19/19 12:13	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/19/19 12:13	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/19/19 12:13	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/19/19 12:13	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/19/19 12:13	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/19/19 12:13	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/19/19 12:13	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/19/19 12:13	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/19/19 12:13	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/19/19 12:13	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/19/19 12:13	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/19/19 12:13	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/19/19 12:13	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/19/19 12:13	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/19/19 12:13	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 12:13	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ5D**      **Lab ID: 40193087003**      Collected: 08/13/19 11:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 12:13	79-34-5	
Tetrachloroethene	51.8	ug/L	1.1	0.33	1		08/19/19 12:13	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 12:13	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 12:13	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 12:13	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 12:13	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 12:13	79-00-5	
Trichloroethene	33.8	ug/L	1.0	0.26	1		08/19/19 12:13	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 12:13	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 12:13	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 12:13	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 12:13	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 12:13	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 12:13	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 12:13	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		08/19/19 12:13	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		08/19/19 12:13	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/19/19 12:13	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ4R**      **Lab ID: 40193087004**      Collected: 08/13/19 12:00      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/19/19 10:25	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/19/19 10:25	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/19/19 10:25	74-97-5	
Bromodichloromethane	3.7	ug/L	1.2	0.36	1		08/19/19 10:25	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/19/19 10:25	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/19/19 10:25	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 10:25	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/19/19 10:25	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/19/19 10:25	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/19/19 10:25	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 10:25	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/19/19 10:25	75-00-3	
Chloroform	48.9	ug/L	5.0	1.3	1		08/19/19 10:25	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/19/19 10:25	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/19/19 10:25	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/19/19 10:25	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/19/19 10:25	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/19/19 10:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/19/19 10:25	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/19/19 10:25	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 10:25	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/19/19 10:25	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/19/19 10:25	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/19/19 10:25	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 10:25	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 10:25	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/19/19 10:25	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		08/19/19 10:25	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		08/19/19 10:25	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/19/19 10:25	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/19/19 10:25	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/19/19 10:25	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/19/19 10:25	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/19/19 10:25	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/19/19 10:25	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/19/19 10:25	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/19/19 10:25	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/19/19 10:25	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/19/19 10:25	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/19/19 10:25	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/19/19 10:25	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/19/19 10:25	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/19/19 10:25	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/19/19 10:25	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/19/19 10:25	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 10:25	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ4R**      **Lab ID: 40193087004**      Collected: 08/13/19 12:00      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 10:25	79-34-5	
Tetrachloroethene	89.6	ug/L	1.1	0.33	1		08/19/19 10:25	127-18-4	M1
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 10:25	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 10:25	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 10:25	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 10:25	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 10:25	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		08/19/19 10:25	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 10:25	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 10:25	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 10:25	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 10:25	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 10:25	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 10:25	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 10:25	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		08/19/19 10:25	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		08/19/19 10:25	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		08/19/19 10:25	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Project No.: 40193087

Sample: CPZ5 Lab ID: 40193087005 Collected: 08/13/19 12:30 Received: 08/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		08/19/19 12:34	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/19/19 12:34	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/19/19 12:34	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/19/19 12:34	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/19/19 12:34	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/19/19 12:34	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 12:34	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/19/19 12:34	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/19/19 12:34	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/19/19 12:34	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 12:34	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/19/19 12:34	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/19/19 12:34	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/19/19 12:34	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/19/19 12:34	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/19/19 12:34	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/19/19 12:34	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/19/19 12:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/19/19 12:34	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/19/19 12:34	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 12:34	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/19/19 12:34	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/19/19 12:34	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/19/19 12:34	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 12:34	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 12:34	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/19/19 12:34	75-35-4	
cis-1,2-Dichloroethene	0.63J	ug/L	1.0	0.27	1		08/19/19 12:34	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		08/19/19 12:34	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/19/19 12:34	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/19/19 12:34	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/19/19 12:34	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/19/19 12:34	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/19/19 12:34	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/19/19 12:34	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/19/19 12:34	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/19/19 12:34	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/19/19 12:34	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/19/19 12:34	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/19/19 12:34	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/19/19 12:34	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/19/19 12:34	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/19/19 12:34	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/19/19 12:34	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/19/19 12:34	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 12:34	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ5**      **Lab ID: 40193087005**      Collected: 08/13/19 12:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 12:34	79-34-5	
Tetrachloroethene	101	ug/L	1.1	0.33	1		08/19/19 12:34	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 12:34	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 12:34	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 12:34	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 12:34	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 12:34	79-00-5	
Trichloroethene	38.4	ug/L	1.0	0.26	1		08/19/19 12:34	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 12:34	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 12:34	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 12:34	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 12:34	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 12:34	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 12:34	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 12:34	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		08/19/19 12:34	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		08/19/19 12:34	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		08/19/19 12:34	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: PZWR2**      **Lab ID: 40193087006**      Collected: 08/13/19 12:45      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<1.2	ug/L	5.0	1.2	5		08/19/19 10:47	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		08/19/19 10:47	108-86-1	
Bromochloromethane	<1.8	ug/L	25.0	1.8	5		08/19/19 10:47	74-97-5	
Bromodichloromethane	<b>2.8J</b>	ug/L	6.1	1.8	5		08/19/19 10:47	75-27-4	
Bromoform	<19.9	ug/L	66.2	19.9	5		08/19/19 10:47	75-25-2	
Bromomethane	<4.9	ug/L	25.0	4.9	5		08/19/19 10:47	74-83-9	
n-Butylbenzene	<3.5	ug/L	11.8	3.5	5		08/19/19 10:47	104-51-8	
sec-Butylbenzene	<4.2	ug/L	25.0	4.2	5		08/19/19 10:47	135-98-8	
tert-Butylbenzene	<1.5	ug/L	5.1	1.5	5		08/19/19 10:47	98-06-6	
Carbon tetrachloride	<0.83	ug/L	5.0	0.83	5		08/19/19 10:47	56-23-5	
Chlorobenzene	<3.6	ug/L	11.8	3.6	5		08/19/19 10:47	108-90-7	
Chloroethane	<6.7	ug/L	25.0	6.7	5		08/19/19 10:47	75-00-3	
Chloroform	<b>35.5</b>	ug/L	25.0	6.4	5		08/19/19 10:47	67-66-3	
Chloromethane	<10.9	ug/L	36.5	10.9	5		08/19/19 10:47	74-87-3	
2-Chlorotoluene	<4.6	ug/L	25.0	4.6	5		08/19/19 10:47	95-49-8	
4-Chlorotoluene	<3.8	ug/L	12.6	3.8	5		08/19/19 10:47	106-43-4	
1,2-Dibromo-3-chloropropane	<8.8	ug/L	29.4	8.8	5		08/19/19 10:47	96-12-8	
Dibromochloromethane	<13.0	ug/L	43.4	13.0	5		08/19/19 10:47	124-48-1	
1,2-Dibromoethane (EDB)	<4.1	ug/L	13.8	4.1	5		08/19/19 10:47	106-93-4	
Dibromomethane	<4.7	ug/L	15.6	4.7	5		08/19/19 10:47	74-95-3	
1,2-Dichlorobenzene	<3.5	ug/L	11.8	3.5	5		08/19/19 10:47	95-50-1	
1,3-Dichlorobenzene	<3.1	ug/L	10.5	3.1	5		08/19/19 10:47	541-73-1	
1,4-Dichlorobenzene	<4.7	ug/L	15.7	4.7	5		08/19/19 10:47	106-46-7	
Dichlorodifluoromethane	<2.5	ug/L	25.0	2.5	5		08/19/19 10:47	75-71-8	
1,1-Dichloroethane	<1.4	ug/L	5.0	1.4	5		08/19/19 10:47	75-34-3	
1,2-Dichloroethane	<1.4	ug/L	5.0	1.4	5		08/19/19 10:47	107-06-2	
1,1-Dichloroethene	<1.2	ug/L	5.0	1.2	5		08/19/19 10:47	75-35-4	
cis-1,2-Dichloroethene	<1.4	ug/L	5.0	1.4	5		08/19/19 10:47	156-59-2	
trans-1,2-Dichloroethene	<5.5	ug/L	18.2	5.5	5		08/19/19 10:47	156-60-5	
1,2-Dichloropropane	<1.4	ug/L	5.0	1.4	5		08/19/19 10:47	78-87-5	
1,3-Dichloropropane	<4.1	ug/L	13.8	4.1	5		08/19/19 10:47	142-28-9	
2,2-Dichloropropane	<11.3	ug/L	37.8	11.3	5		08/19/19 10:47	594-20-7	
1,1-Dichloropropene	<2.7	ug/L	9.0	2.7	5		08/19/19 10:47	563-58-6	
cis-1,3-Dichloropropene	<18.1	ug/L	60.5	18.1	5		08/19/19 10:47	10061-01-5	
trans-1,3-Dichloropropene	<21.9	ug/L	72.8	21.9	5		08/19/19 10:47	10061-02-6	
Diisopropyl ether	<9.4	ug/L	31.5	9.4	5		08/19/19 10:47	108-20-3	
Ethylbenzene	<1.1	ug/L	5.0	1.1	5		08/19/19 10:47	100-41-4	
Hexachloro-1,3-butadiene	<5.9	ug/L	25.0	5.9	5		08/19/19 10:47	87-68-3	
Isopropylbenzene (Cumene)	<2.0	ug/L	25.0	2.0	5		08/19/19 10:47	98-82-8	
p-Isopropyltoluene	<4.0	ug/L	13.3	4.0	5		08/19/19 10:47	99-87-6	
Methylene Chloride	<2.9	ug/L	25.0	2.9	5		08/19/19 10:47	75-09-2	
Methyl-tert-butyl ether	<6.2	ug/L	20.8	6.2	5		08/19/19 10:47	1634-04-4	
Naphthalene	<5.9	ug/L	25.0	5.9	5		08/19/19 10:47	91-20-3	
n-Propylbenzene	<4.1	ug/L	25.0	4.1	5		08/19/19 10:47	103-65-1	
Styrene	<2.3	ug/L	7.8	2.3	5		08/19/19 10:47	100-42-5	
1,1,1,2-Tetrachloroethane	<1.3	ug/L	5.0	1.3	5		08/19/19 10:47	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: PZWR2**      **Lab ID: 40193087006**      Collected: 08/13/19 12:45      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<1.4	ug/L	5.0	1.4	5		08/19/19 10:47	79-34-5	
Tetrachloroethene	699	ug/L	5.4	1.6	5		08/19/19 10:47	127-18-4	
Toluene	<0.86	ug/L	25.0	0.86	5		08/19/19 10:47	108-88-3	
1,2,3-Trichlorobenzene	<3.1	ug/L	25.0	3.1	5		08/19/19 10:47	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		08/19/19 10:47	120-82-1	
1,1,1-Trichloroethane	<1.2	ug/L	5.0	1.2	5		08/19/19 10:47	71-55-6	
1,1,2-Trichloroethane	<2.8	ug/L	25.0	2.8	5		08/19/19 10:47	79-00-5	
Trichloroethene	1.3J	ug/L	5.0	1.3	5		08/19/19 10:47	79-01-6	
Trichlorofluoromethane	<1.1	ug/L	5.0	1.1	5		08/19/19 10:47	75-69-4	
1,2,3-Trichloropropane	<3.0	ug/L	25.0	3.0	5		08/19/19 10:47	96-18-4	
1,2,4-Trimethylbenzene	<4.2	ug/L	14.0	4.2	5		08/19/19 10:47	95-63-6	
1,3,5-Trimethylbenzene	<4.4	ug/L	14.6	4.4	5		08/19/19 10:47	108-67-8	
Vinyl chloride	<0.87	ug/L	5.0	0.87	5		08/19/19 10:47	75-01-4	
m&p-Xylene	<2.3	ug/L	10.0	2.3	5		08/19/19 10:47	179601-23-1	
o-Xylene	<1.3	ug/L	5.0	1.3	5		08/19/19 10:47	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		5		08/19/19 10:47	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		5		08/19/19 10:47	1868-53-7	
Toluene-d8 (S)	98	%	70-130		5		08/19/19 10:47	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ7**      **Lab ID: 40193087007**      Collected: 08/13/19 13:15      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<b>0.63J</b>	ug/L	1.0	0.25	1		08/19/19 12:55	71-43-2	
Bromobenzene	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		08/19/19 12:55	108-86-1	
Bromochloromethane	<b>&lt;0.36</b>	ug/L	5.0	0.36	1		08/19/19 12:55	74-97-5	
Bromodichloromethane	<b>&lt;0.36</b>	ug/L	1.2	0.36	1		08/19/19 12:55	75-27-4	
Bromoform	<b>&lt;4.0</b>	ug/L	13.2	4.0	1		08/19/19 12:55	75-25-2	
Bromomethane	<b>&lt;0.97</b>	ug/L	5.0	0.97	1		08/19/19 12:55	74-83-9	
n-Butylbenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		08/19/19 12:55	104-51-8	
sec-Butylbenzene	<b>&lt;0.85</b>	ug/L	5.0	0.85	1		08/19/19 12:55	135-98-8	
tert-Butylbenzene	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		08/19/19 12:55	98-06-6	
Carbon tetrachloride	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		08/19/19 12:55	56-23-5	
Chlorobenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		08/19/19 12:55	108-90-7	
Chloroethane	<b>&lt;1.3</b>	ug/L	5.0	1.3	1		08/19/19 12:55	75-00-3	
Chloroform	<b>&lt;1.3</b>	ug/L	5.0	1.3	1		08/19/19 12:55	67-66-3	
Chloromethane	<b>&lt;2.2</b>	ug/L	7.3	2.2	1		08/19/19 12:55	74-87-3	
2-Chlorotoluene	<b>&lt;0.93</b>	ug/L	5.0	0.93	1		08/19/19 12:55	95-49-8	
4-Chlorotoluene	<b>&lt;0.76</b>	ug/L	2.5	0.76	1		08/19/19 12:55	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;1.8</b>	ug/L	5.9	1.8	1		08/19/19 12:55	96-12-8	
Dibromochloromethane	<b>&lt;2.6</b>	ug/L	8.7	2.6	1		08/19/19 12:55	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.83</b>	ug/L	2.8	0.83	1		08/19/19 12:55	106-93-4	
Dibromomethane	<b>&lt;0.94</b>	ug/L	3.1	0.94	1		08/19/19 12:55	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		08/19/19 12:55	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.63</b>	ug/L	2.1	0.63	1		08/19/19 12:55	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.94</b>	ug/L	3.1	0.94	1		08/19/19 12:55	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.50</b>	ug/L	5.0	0.50	1		08/19/19 12:55	75-71-8	
1,1-Dichloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		08/19/19 12:55	75-34-3	
1,2-Dichloroethane	<b>&lt;0.28</b>	ug/L	1.0	0.28	1		08/19/19 12:55	107-06-2	
1,1-Dichloroethene	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		08/19/19 12:55	75-35-4	
cis-1,2-Dichloroethene	<b>6.0</b>	ug/L	1.0	0.27	1		08/19/19 12:55	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;1.1</b>	ug/L	3.6	1.1	1		08/19/19 12:55	156-60-5	
1,2-Dichloropropane	<b>&lt;0.28</b>	ug/L	1.0	0.28	1		08/19/19 12:55	78-87-5	
1,3-Dichloropropane	<b>&lt;0.83</b>	ug/L	2.8	0.83	1		08/19/19 12:55	142-28-9	
2,2-Dichloropropane	<b>&lt;2.3</b>	ug/L	7.6	2.3	1		08/19/19 12:55	594-20-7	
1,1-Dichloropropene	<b>&lt;0.54</b>	ug/L	1.8	0.54	1		08/19/19 12:55	563-58-6	
cis-1,3-Dichloropropene	<b>&lt;3.6</b>	ug/L	12.1	3.6	1		08/19/19 12:55	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;4.4</b>	ug/L	14.6	4.4	1		08/19/19 12:55	10061-02-6	
Diisopropyl ether	<b>&lt;1.9</b>	ug/L	6.3	1.9	1		08/19/19 12:55	108-20-3	
Ethylbenzene	<b>&lt;0.22</b>	ug/L	1.0	0.22	1		08/19/19 12:55	100-41-4	
Hexachloro-1,3-butadiene	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		08/19/19 12:55	87-68-3	
Isopropylbenzene (Cumene)	<b>&lt;0.39</b>	ug/L	5.0	0.39	1		08/19/19 12:55	98-82-8	
p-Isopropyltoluene	<b>&lt;0.80</b>	ug/L	2.7	0.80	1		08/19/19 12:55	99-87-6	
Methylene Chloride	<b>&lt;0.58</b>	ug/L	5.0	0.58	1		08/19/19 12:55	75-09-2	
Methyl-tert-butyl ether	<b>2.6J</b>	ug/L	4.2	1.2	1		08/19/19 12:55	1634-04-4	
Naphthalene	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		08/19/19 12:55	91-20-3	
n-Propylbenzene	<b>&lt;0.81</b>	ug/L	5.0	0.81	1		08/19/19 12:55	103-65-1	
Styrene	<b>&lt;0.47</b>	ug/L	1.6	0.47	1		08/19/19 12:55	100-42-5	
1,1,1,2-Tetrachloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		08/19/19 12:55	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ7**      **Lab ID: 40193087007**      Collected: 08/13/19 13:15      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 12:55	79-34-5	
Tetrachloroethene	3.0	ug/L	1.1	0.33	1		08/19/19 12:55	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 12:55	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 12:55	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 12:55	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 12:55	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 12:55	79-00-5	
Trichloroethene	16.9	ug/L	1.0	0.26	1		08/19/19 12:55	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 12:55	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 12:55	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 12:55	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 12:55	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 12:55	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 12:55	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 12:55	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		08/19/19 12:55	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		08/19/19 12:55	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		08/19/19 12:55	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ8**      **Lab ID: 40193087008**      Collected: 08/13/19 13:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		08/19/19 13:17	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/19/19 13:17	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/19/19 13:17	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/19/19 13:17	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/19/19 13:17	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/19/19 13:17	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 13:17	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/19/19 13:17	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/19/19 13:17	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/19/19 13:17	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 13:17	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/19/19 13:17	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/19/19 13:17	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/19/19 13:17	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/19/19 13:17	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/19/19 13:17	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/19/19 13:17	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/19/19 13:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/19/19 13:17	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/19/19 13:17	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 13:17	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/19/19 13:17	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/19/19 13:17	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/19/19 13:17	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 13:17	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 13:17	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/19/19 13:17	75-35-4	
cis-1,2-Dichloroethene	0.45J	ug/L	1.0	0.27	1		08/19/19 13:17	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		08/19/19 13:17	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/19/19 13:17	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/19/19 13:17	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/19/19 13:17	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/19/19 13:17	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/19/19 13:17	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/19/19 13:17	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/19/19 13:17	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/19/19 13:17	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/19/19 13:17	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/19/19 13:17	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/19/19 13:17	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/19/19 13:17	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/19/19 13:17	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/19/19 13:17	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/19/19 13:17	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/19/19 13:17	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 13:17	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ8**      **Lab ID: 40193087008**      Collected: 08/13/19 13:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 13:17	79-34-5	
Tetrachloroethene	89.5	ug/L	1.1	0.33	1		08/19/19 13:17	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 13:17	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 13:17	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 13:17	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 13:17	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 13:17	79-00-5	
Trichloroethene	8.0	ug/L	1.0	0.26	1		08/19/19 13:17	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 13:17	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 13:17	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 13:17	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 13:17	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 13:17	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 13:17	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 13:17	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		08/19/19 13:17	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		08/19/19 13:17	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/19/19 13:17	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ9**      **Lab ID: 40193087009**      Collected: 08/13/19 13:45      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/19/19 13:38	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/19/19 13:38	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/19/19 13:38	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/19/19 13:38	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/19/19 13:38	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/19/19 13:38	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 13:38	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/19/19 13:38	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/19/19 13:38	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/19/19 13:38	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 13:38	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/19/19 13:38	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/19/19 13:38	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/19/19 13:38	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/19/19 13:38	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/19/19 13:38	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/19/19 13:38	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/19/19 13:38	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/19/19 13:38	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/19/19 13:38	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 13:38	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/19/19 13:38	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/19/19 13:38	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/19/19 13:38	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 13:38	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 13:38	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/19/19 13:38	75-35-4	
cis-1,2-Dichloroethene	11.1	ug/L	1.0	0.27	1		08/19/19 13:38	156-59-2	
trans-1,2-Dichloroethene	11.7	ug/L	3.6	1.1	1		08/19/19 13:38	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/19/19 13:38	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/19/19 13:38	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/19/19 13:38	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/19/19 13:38	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/19/19 13:38	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/19/19 13:38	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/19/19 13:38	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/19/19 13:38	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/19/19 13:38	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/19/19 13:38	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/19/19 13:38	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/19/19 13:38	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/19/19 13:38	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/19/19 13:38	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/19/19 13:38	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/19/19 13:38	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 13:38	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ9**      **Lab ID: 40193087009**      Collected: 08/13/19 13:45      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 13:38	79-34-5	
Tetrachloroethene	3.3	ug/L	1.1	0.33	1		08/19/19 13:38	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 13:38	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 13:38	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 13:38	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 13:38	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 13:38	79-00-5	
Trichloroethene	8.7	ug/L	1.0	0.26	1		08/19/19 13:38	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 13:38	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 13:38	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 13:38	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 13:38	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 13:38	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 13:38	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 13:38	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		08/19/19 13:38	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		08/19/19 13:38	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/19/19 13:38	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ10**      **Lab ID: 40193087010**      Collected: 08/13/19 14:00      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		08/19/19 14:00	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/19/19 14:00	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/19/19 14:00	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/19/19 14:00	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/19/19 14:00	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/19/19 14:00	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 14:00	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/19/19 14:00	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/19/19 14:00	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/19/19 14:00	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 14:00	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/19/19 14:00	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/19/19 14:00	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/19/19 14:00	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/19/19 14:00	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/19/19 14:00	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/19/19 14:00	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/19/19 14:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/19/19 14:00	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/19/19 14:00	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 14:00	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/19/19 14:00	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/19/19 14:00	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/19/19 14:00	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 14:00	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 14:00	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/19/19 14:00	75-35-4	
cis-1,2-Dichloroethene	1.1	ug/L	1.0	0.27	1		08/19/19 14:00	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		08/19/19 14:00	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/19/19 14:00	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/19/19 14:00	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/19/19 14:00	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/19/19 14:00	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/19/19 14:00	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/19/19 14:00	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/19/19 14:00	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/19/19 14:00	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/19/19 14:00	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/19/19 14:00	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/19/19 14:00	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/19/19 14:00	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/19/19 14:00	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/19/19 14:00	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/19/19 14:00	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/19/19 14:00	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 14:00	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 40193087

**Sample: CPZ10**      **Lab ID: 40193087010**      Collected: 08/13/19 14:00      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 14:00	79-34-5	
Tetrachloroethene	12.4	ug/L	1.1	0.33	1		08/19/19 14:00	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 14:00	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 14:00	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 14:00	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 14:00	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 14:00	79-00-5	
Trichloroethene	28.8	ug/L	1.0	0.26	1		08/19/19 14:00	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 14:00	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 14:00	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 14:00	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 14:00	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 14:00	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 14:00	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 14:00	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		08/19/19 14:00	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		08/19/19 14:00	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/19/19 14:00	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ11**      **Lab ID: 40193087011**      Collected: 08/13/19 14:15      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<b>0.63J</b>	ug/L	1.0	0.25	1		08/19/19 14:21	71-43-2	
Bromobenzene	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		08/19/19 14:21	108-86-1	
Bromochloromethane	<b>&lt;0.36</b>	ug/L	5.0	0.36	1		08/19/19 14:21	74-97-5	
Bromodichloromethane	<b>&lt;0.36</b>	ug/L	1.2	0.36	1		08/19/19 14:21	75-27-4	
Bromoform	<b>&lt;4.0</b>	ug/L	13.2	4.0	1		08/19/19 14:21	75-25-2	
Bromomethane	<b>&lt;0.97</b>	ug/L	5.0	0.97	1		08/19/19 14:21	74-83-9	
n-Butylbenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		08/19/19 14:21	104-51-8	
sec-Butylbenzene	<b>&lt;0.85</b>	ug/L	5.0	0.85	1		08/19/19 14:21	135-98-8	
tert-Butylbenzene	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		08/19/19 14:21	98-06-6	
Carbon tetrachloride	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		08/19/19 14:21	56-23-5	
Chlorobenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		08/19/19 14:21	108-90-7	
Chloroethane	<b>&lt;1.3</b>	ug/L	5.0	1.3	1		08/19/19 14:21	75-00-3	
Chloroform	<b>&lt;1.3</b>	ug/L	5.0	1.3	1		08/19/19 14:21	67-66-3	
Chloromethane	<b>&lt;2.2</b>	ug/L	7.3	2.2	1		08/19/19 14:21	74-87-3	
2-Chlorotoluene	<b>&lt;0.93</b>	ug/L	5.0	0.93	1		08/19/19 14:21	95-49-8	
4-Chlorotoluene	<b>&lt;0.76</b>	ug/L	2.5	0.76	1		08/19/19 14:21	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;1.8</b>	ug/L	5.9	1.8	1		08/19/19 14:21	96-12-8	
Dibromochloromethane	<b>&lt;2.6</b>	ug/L	8.7	2.6	1		08/19/19 14:21	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.83</b>	ug/L	2.8	0.83	1		08/19/19 14:21	106-93-4	
Dibromomethane	<b>&lt;0.94</b>	ug/L	3.1	0.94	1		08/19/19 14:21	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		08/19/19 14:21	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.63</b>	ug/L	2.1	0.63	1		08/19/19 14:21	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.94</b>	ug/L	3.1	0.94	1		08/19/19 14:21	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.50</b>	ug/L	5.0	0.50	1		08/19/19 14:21	75-71-8	
1,1-Dichloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		08/19/19 14:21	75-34-3	
1,2-Dichloroethane	<b>&lt;0.28</b>	ug/L	1.0	0.28	1		08/19/19 14:21	107-06-2	
1,1-Dichloroethene	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		08/19/19 14:21	75-35-4	
cis-1,2-Dichloroethene	<b>3.9</b>	ug/L	1.0	0.27	1		08/19/19 14:21	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;1.1</b>	ug/L	3.6	1.1	1		08/19/19 14:21	156-60-5	
1,2-Dichloropropane	<b>&lt;0.28</b>	ug/L	1.0	0.28	1		08/19/19 14:21	78-87-5	
1,3-Dichloropropane	<b>&lt;0.83</b>	ug/L	2.8	0.83	1		08/19/19 14:21	142-28-9	
2,2-Dichloropropane	<b>&lt;2.3</b>	ug/L	7.6	2.3	1		08/19/19 14:21	594-20-7	
1,1-Dichloropropene	<b>&lt;0.54</b>	ug/L	1.8	0.54	1		08/19/19 14:21	563-58-6	
cis-1,3-Dichloropropene	<b>&lt;3.6</b>	ug/L	12.1	3.6	1		08/19/19 14:21	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;4.4</b>	ug/L	14.6	4.4	1		08/19/19 14:21	10061-02-6	
Diisopropyl ether	<b>&lt;1.9</b>	ug/L	6.3	1.9	1		08/19/19 14:21	108-20-3	
Ethylbenzene	<b>&lt;0.22</b>	ug/L	1.0	0.22	1		08/19/19 14:21	100-41-4	
Hexachloro-1,3-butadiene	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		08/19/19 14:21	87-68-3	
Isopropylbenzene (Cumene)	<b>&lt;0.39</b>	ug/L	5.0	0.39	1		08/19/19 14:21	98-82-8	
p-Isopropyltoluene	<b>&lt;0.80</b>	ug/L	2.7	0.80	1		08/19/19 14:21	99-87-6	
Methylene Chloride	<b>&lt;0.58</b>	ug/L	5.0	0.58	1		08/19/19 14:21	75-09-2	
Methyl-tert-butyl ether	<b>2.9J</b>	ug/L	4.2	1.2	1		08/19/19 14:21	1634-04-4	
Naphthalene	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		08/19/19 14:21	91-20-3	
n-Propylbenzene	<b>&lt;0.81</b>	ug/L	5.0	0.81	1		08/19/19 14:21	103-65-1	
Styrene	<b>&lt;0.47</b>	ug/L	1.6	0.47	1		08/19/19 14:21	100-42-5	
1,1,1,2-Tetrachloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		08/19/19 14:21	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ11**      **Lab ID: 40193087011**      Collected: 08/13/19 14:15      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 14:21	79-34-5	
Tetrachloroethene	11.0	ug/L	1.1	0.33	1		08/19/19 14:21	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 14:21	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 14:21	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 14:21	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 14:21	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 14:21	79-00-5	
Trichloroethene	25.2	ug/L	1.0	0.26	1		08/19/19 14:21	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 14:21	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 14:21	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 14:21	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 14:21	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 14:21	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 14:21	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 14:21	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		08/19/19 14:21	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		08/19/19 14:21	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		08/19/19 14:21	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ12**      **Lab ID: 40193087012**      Collected: 08/13/19 14:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		08/19/19 14:42	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/19/19 14:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/19/19 14:42	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/19/19 14:42	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/19/19 14:42	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/19/19 14:42	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 14:42	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/19/19 14:42	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/19/19 14:42	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/19/19 14:42	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 14:42	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/19/19 14:42	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/19/19 14:42	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/19/19 14:42	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/19/19 14:42	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/19/19 14:42	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/19/19 14:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/19/19 14:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/19/19 14:42	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/19/19 14:42	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/19/19 14:42	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/19/19 14:42	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/19/19 14:42	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/19/19 14:42	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 14:42	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 14:42	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/19/19 14:42	75-35-4	
cis-1,2-Dichloroethene	34.8	ug/L	1.0	0.27	1		08/19/19 14:42	156-59-2	
trans-1,2-Dichloroethene	40.6	ug/L	3.6	1.1	1		08/19/19 14:42	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/19/19 14:42	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/19/19 14:42	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/19/19 14:42	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/19/19 14:42	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/19/19 14:42	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/19/19 14:42	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/19/19 14:42	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/19/19 14:42	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/19/19 14:42	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/19/19 14:42	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/19/19 14:42	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/19/19 14:42	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/19/19 14:42	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/19/19 14:42	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/19/19 14:42	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/19/19 14:42	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/19/19 14:42	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ12**      **Lab ID: 40193087012**      Collected: 08/13/19 14:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 14:42	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		08/19/19 14:42	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 14:42	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 14:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 14:42	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 14:42	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 14:42	79-00-5	
Trichloroethene	71.7	ug/L	1.0	0.26	1		08/19/19 14:42	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 14:42	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 14:42	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 14:42	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 14:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 14:42	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 14:42	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 14:42	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		08/19/19 14:42	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		08/19/19 14:42	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/19/19 14:42	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ13**      **Lab ID: 40193087013**      Collected: 08/13/19 14:45      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<b>0.75J</b>	ug/L	1.0	0.25	1		08/19/19 15:04	71-43-2	
Bromobenzene	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		08/19/19 15:04	108-86-1	
Bromochloromethane	<b>&lt;0.36</b>	ug/L	5.0	0.36	1		08/19/19 15:04	74-97-5	
Bromodichloromethane	<b>&lt;0.36</b>	ug/L	1.2	0.36	1		08/19/19 15:04	75-27-4	
Bromoform	<b>&lt;4.0</b>	ug/L	13.2	4.0	1		08/19/19 15:04	75-25-2	
Bromomethane	<b>&lt;0.97</b>	ug/L	5.0	0.97	1		08/19/19 15:04	74-83-9	
n-Butylbenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		08/19/19 15:04	104-51-8	
sec-Butylbenzene	<b>&lt;0.85</b>	ug/L	5.0	0.85	1		08/19/19 15:04	135-98-8	
tert-Butylbenzene	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		08/19/19 15:04	98-06-6	
Carbon tetrachloride	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		08/19/19 15:04	56-23-5	
Chlorobenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		08/19/19 15:04	108-90-7	
Chloroethane	<b>&lt;1.3</b>	ug/L	5.0	1.3	1		08/19/19 15:04	75-00-3	
Chloroform	<b>&lt;1.3</b>	ug/L	5.0	1.3	1		08/19/19 15:04	67-66-3	
Chloromethane	<b>&lt;2.2</b>	ug/L	7.3	2.2	1		08/19/19 15:04	74-87-3	
2-Chlorotoluene	<b>&lt;0.93</b>	ug/L	5.0	0.93	1		08/19/19 15:04	95-49-8	
4-Chlorotoluene	<b>&lt;0.76</b>	ug/L	2.5	0.76	1		08/19/19 15:04	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;1.8</b>	ug/L	5.9	1.8	1		08/19/19 15:04	96-12-8	
Dibromochloromethane	<b>&lt;2.6</b>	ug/L	8.7	2.6	1		08/19/19 15:04	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.83</b>	ug/L	2.8	0.83	1		08/19/19 15:04	106-93-4	
Dibromomethane	<b>&lt;0.94</b>	ug/L	3.1	0.94	1		08/19/19 15:04	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		08/19/19 15:04	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.63</b>	ug/L	2.1	0.63	1		08/19/19 15:04	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.94</b>	ug/L	3.1	0.94	1		08/19/19 15:04	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.50</b>	ug/L	5.0	0.50	1		08/19/19 15:04	75-71-8	
1,1-Dichloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		08/19/19 15:04	75-34-3	
1,2-Dichloroethane	<b>&lt;0.28</b>	ug/L	1.0	0.28	1		08/19/19 15:04	107-06-2	
1,1-Dichloroethene	<b>&lt;0.24</b>	ug/L	1.0	0.24	1		08/19/19 15:04	75-35-4	
cis-1,2-Dichloroethene	<b>48.4</b>	ug/L	1.0	0.27	1		08/19/19 15:04	156-59-2	
trans-1,2-Dichloroethene	<b>54.0</b>	ug/L	3.6	1.1	1		08/19/19 15:04	156-60-5	
1,2-Dichloropropane	<b>&lt;0.28</b>	ug/L	1.0	0.28	1		08/19/19 15:04	78-87-5	
1,3-Dichloropropane	<b>&lt;0.83</b>	ug/L	2.8	0.83	1		08/19/19 15:04	142-28-9	
2,2-Dichloropropane	<b>&lt;2.3</b>	ug/L	7.6	2.3	1		08/19/19 15:04	594-20-7	
1,1-Dichloropropene	<b>&lt;0.54</b>	ug/L	1.8	0.54	1		08/19/19 15:04	563-58-6	
cis-1,3-Dichloropropene	<b>&lt;3.6</b>	ug/L	12.1	3.6	1		08/19/19 15:04	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;4.4</b>	ug/L	14.6	4.4	1		08/19/19 15:04	10061-02-6	
Diisopropyl ether	<b>&lt;1.9</b>	ug/L	6.3	1.9	1		08/19/19 15:04	108-20-3	
Ethylbenzene	<b>&lt;0.22</b>	ug/L	1.0	0.22	1		08/19/19 15:04	100-41-4	
Hexachloro-1,3-butadiene	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		08/19/19 15:04	87-68-3	
Isopropylbenzene (Cumene)	<b>&lt;0.39</b>	ug/L	5.0	0.39	1		08/19/19 15:04	98-82-8	
p-Isopropyltoluene	<b>&lt;0.80</b>	ug/L	2.7	0.80	1		08/19/19 15:04	99-87-6	
Methylene Chloride	<b>&lt;0.58</b>	ug/L	5.0	0.58	1		08/19/19 15:04	75-09-2	
Methyl-tert-butyl ether	<b>&lt;1.2</b>	ug/L	4.2	1.2	1		08/19/19 15:04	1634-04-4	
Naphthalene	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		08/19/19 15:04	91-20-3	
n-Propylbenzene	<b>&lt;0.81</b>	ug/L	5.0	0.81	1		08/19/19 15:04	103-65-1	
Styrene	<b>&lt;0.47</b>	ug/L	1.6	0.47	1		08/19/19 15:04	100-42-5	
1,1,1,2-Tetrachloroethane	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		08/19/19 15:04	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ13**      **Lab ID: 40193087013**      Collected: 08/13/19 14:45      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/19/19 15:04	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		08/19/19 15:04	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/19/19 15:04	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/19/19 15:04	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/19/19 15:04	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/19/19 15:04	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/19/19 15:04	79-00-5	
Trichloroethene	39.9	ug/L	1.0	0.26	1		08/19/19 15:04	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/19/19 15:04	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/19/19 15:04	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/19/19 15:04	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/19/19 15:04	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/19/19 15:04	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/19/19 15:04	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/19/19 15:04	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		08/19/19 15:04	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		08/19/19 15:04	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/19/19 15:04	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ14**      **Lab ID: 40193087014**      Collected: 08/13/19 15:15      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.49	ug/L	2.0	0.49	2		08/19/19 11:08	71-43-2	
Bromobenzene	<0.48	ug/L	2.0	0.48	2		08/19/19 11:08	108-86-1	
Bromochloromethane	<0.72	ug/L	10.0	0.72	2		08/19/19 11:08	74-97-5	
Bromodichloromethane	<0.73	ug/L	2.4	0.73	2		08/19/19 11:08	75-27-4	
Bromoform	<7.9	ug/L	26.5	7.9	2		08/19/19 11:08	75-25-2	
Bromomethane	<1.9	ug/L	10.0	1.9	2		08/19/19 11:08	74-83-9	
n-Butylbenzene	<1.4	ug/L	4.7	1.4	2		08/19/19 11:08	104-51-8	
sec-Butylbenzene	<1.7	ug/L	10.0	1.7	2		08/19/19 11:08	135-98-8	
tert-Butylbenzene	<0.61	ug/L	2.0	0.61	2		08/19/19 11:08	98-06-6	
Carbon tetrachloride	<0.33	ug/L	2.0	0.33	2		08/19/19 11:08	56-23-5	
Chlorobenzene	<1.4	ug/L	4.7	1.4	2		08/19/19 11:08	108-90-7	
Chloroethane	<2.7	ug/L	10.0	2.7	2		08/19/19 11:08	75-00-3	
Chloroform	<2.5	ug/L	10.0	2.5	2		08/19/19 11:08	67-66-3	
Chloromethane	<4.4	ug/L	14.6	4.4	2		08/19/19 11:08	74-87-3	
2-Chlorotoluene	<1.9	ug/L	10.0	1.9	2		08/19/19 11:08	95-49-8	
4-Chlorotoluene	<1.5	ug/L	5.0	1.5	2		08/19/19 11:08	106-43-4	
1,2-Dibromo-3-chloropropane	<3.5	ug/L	11.8	3.5	2		08/19/19 11:08	96-12-8	
Dibromochloromethane	<5.2	ug/L	17.3	5.2	2		08/19/19 11:08	124-48-1	
1,2-Dibromoethane (EDB)	<1.7	ug/L	5.5	1.7	2		08/19/19 11:08	106-93-4	
Dibromomethane	<1.9	ug/L	6.2	1.9	2		08/19/19 11:08	74-95-3	
1,2-Dichlorobenzene	<1.4	ug/L	4.7	1.4	2		08/19/19 11:08	95-50-1	
1,3-Dichlorobenzene	<1.3	ug/L	4.2	1.3	2		08/19/19 11:08	541-73-1	
1,4-Dichlorobenzene	<1.9	ug/L	6.3	1.9	2		08/19/19 11:08	106-46-7	
Dichlorodifluoromethane	<1.0	ug/L	10.0	1.0	2		08/19/19 11:08	75-71-8	
1,1-Dichloroethane	<0.55	ug/L	2.0	0.55	2		08/19/19 11:08	75-34-3	
1,2-Dichloroethane	<0.56	ug/L	2.0	0.56	2		08/19/19 11:08	107-06-2	
1,1-Dichloroethene	<0.49	ug/L	2.0	0.49	2		08/19/19 11:08	75-35-4	
cis-1,2-Dichloroethene	1.1J	ug/L	2.0	0.54	2		08/19/19 11:08	156-59-2	
trans-1,2-Dichloroethene	<2.2	ug/L	7.3	2.2	2		08/19/19 11:08	156-60-5	
1,2-Dichloropropane	<0.57	ug/L	2.0	0.57	2		08/19/19 11:08	78-87-5	
1,3-Dichloropropane	<1.7	ug/L	5.5	1.7	2		08/19/19 11:08	142-28-9	
2,2-Dichloropropane	<4.5	ug/L	15.1	4.5	2		08/19/19 11:08	594-20-7	
1,1-Dichloropropene	<1.1	ug/L	3.6	1.1	2		08/19/19 11:08	563-58-6	
cis-1,3-Dichloropropene	<7.3	ug/L	24.2	7.3	2		08/19/19 11:08	10061-01-5	
trans-1,3-Dichloropropene	<8.7	ug/L	29.1	8.7	2		08/19/19 11:08	10061-02-6	
Diisopropyl ether	<3.8	ug/L	12.6	3.8	2		08/19/19 11:08	108-20-3	
Ethylbenzene	<0.44	ug/L	2.0	0.44	2		08/19/19 11:08	100-41-4	
Hexachloro-1,3-butadiene	<2.4	ug/L	10.0	2.4	2		08/19/19 11:08	87-68-3	
Isopropylbenzene (Cumene)	<0.79	ug/L	10.0	0.79	2		08/19/19 11:08	98-82-8	
p-Isopropyltoluene	<1.6	ug/L	5.3	1.6	2		08/19/19 11:08	99-87-6	
Methylene Chloride	<1.2	ug/L	10.0	1.2	2		08/19/19 11:08	75-09-2	
Methyl-tert-butyl ether	<2.5	ug/L	8.3	2.5	2		08/19/19 11:08	1634-04-4	
Naphthalene	<2.4	ug/L	10.0	2.4	2		08/19/19 11:08	91-20-3	
n-Propylbenzene	<1.6	ug/L	10.0	1.6	2		08/19/19 11:08	103-65-1	
Styrene	<0.93	ug/L	3.1	0.93	2		08/19/19 11:08	100-42-5	
1,1,1,2-Tetrachloroethane	<0.54	ug/L	2.0	0.54	2		08/19/19 11:08	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ14**      **Lab ID: 40193087014**      Collected: 08/13/19 15:15      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.55	ug/L	2.0	0.55	2		08/19/19 11:08	79-34-5	
Tetrachloroethene	119	ug/L	2.2	0.65	2		08/19/19 11:08	127-18-4	
Toluene	<0.34	ug/L	10.0	0.34	2		08/19/19 11:08	108-88-3	
1,2,3-Trichlorobenzene	<1.3	ug/L	10.0	1.3	2		08/19/19 11:08	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	10.0	1.9	2		08/19/19 11:08	120-82-1	
1,1,1-Trichloroethane	<0.49	ug/L	2.0	0.49	2		08/19/19 11:08	71-55-6	
1,1,2-Trichloroethane	<1.1	ug/L	10.0	1.1	2		08/19/19 11:08	79-00-5	
Trichloroethene	19.2	ug/L	2.0	0.51	2		08/19/19 11:08	79-01-6	
Trichlorofluoromethane	<0.43	ug/L	2.0	0.43	2		08/19/19 11:08	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	10.0	1.2	2		08/19/19 11:08	96-18-4	
1,2,4-Trimethylbenzene	<1.7	ug/L	5.6	1.7	2		08/19/19 11:08	95-63-6	
1,3,5-Trimethylbenzene	<1.7	ug/L	5.8	1.7	2		08/19/19 11:08	108-67-8	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		08/19/19 11:08	75-01-4	
m&p-Xylene	<0.93	ug/L	4.0	0.93	2		08/19/19 11:08	179601-23-1	
o-Xylene	<0.52	ug/L	2.0	0.52	2		08/19/19 11:08	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		2		08/19/19 11:08	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		2		08/19/19 11:08	1868-53-7	
Toluene-d8 (S)	97	%	70-130		2		08/19/19 11:08	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ15**      **Lab ID: 40193087015**      Collected: 08/13/19 15:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/20/19 08:00	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/20/19 08:00	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/20/19 08:00	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/20/19 08:00	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/20/19 08:00	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/20/19 08:00	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 08:00	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/20/19 08:00	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/20/19 08:00	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/20/19 08:00	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 08:00	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/20/19 08:00	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/20/19 08:00	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/20/19 08:00	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/20/19 08:00	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/20/19 08:00	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/20/19 08:00	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/20/19 08:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/20/19 08:00	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/20/19 08:00	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 08:00	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/20/19 08:00	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/20/19 08:00	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/20/19 08:00	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/20/19 08:00	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/20/19 08:00	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/20/19 08:00	75-35-4	
cis-1,2-Dichloroethene	39.7	ug/L	1.0	0.27	1		08/20/19 08:00	156-59-2	
trans-1,2-Dichloroethene	47.3	ug/L	3.6	1.1	1		08/20/19 08:00	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/20/19 08:00	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/20/19 08:00	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/20/19 08:00	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/20/19 08:00	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/20/19 08:00	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/20/19 08:00	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/20/19 08:00	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/20/19 08:00	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/20/19 08:00	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/20/19 08:00	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/20/19 08:00	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/20/19 08:00	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/20/19 08:00	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/20/19 08:00	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/20/19 08:00	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/20/19 08:00	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/20/19 08:00	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ15**      **Lab ID: 40193087015**      Collected: 08/13/19 15:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/20/19 08:00	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		08/20/19 08:00	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/20/19 08:00	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/20/19 08:00	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/20/19 08:00	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/20/19 08:00	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/20/19 08:00	79-00-5	
Trichloroethene	39.1	ug/L	1.0	0.26	1		08/20/19 08:00	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/20/19 08:00	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/20/19 08:00	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/20/19 08:00	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/20/19 08:00	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/20/19 08:00	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/20/19 08:00	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/20/19 08:00	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		08/20/19 08:00	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		08/20/19 08:00	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/20/19 08:00	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS  
Pace Project No.: 40193087

**Sample: CPZ16**      **Lab ID: 40193087016**      Collected: 08/13/19 16:00      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		08/20/19 08:21	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/20/19 08:21	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/20/19 08:21	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/20/19 08:21	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/20/19 08:21	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/20/19 08:21	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 08:21	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/20/19 08:21	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/20/19 08:21	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/20/19 08:21	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 08:21	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/20/19 08:21	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/20/19 08:21	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/20/19 08:21	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/20/19 08:21	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/20/19 08:21	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/20/19 08:21	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/20/19 08:21	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/20/19 08:21	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/20/19 08:21	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 08:21	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/20/19 08:21	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/20/19 08:21	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/20/19 08:21	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/20/19 08:21	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/20/19 08:21	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/20/19 08:21	75-35-4	
cis-1,2-Dichloroethene	21.3	ug/L	1.0	0.27	1		08/20/19 08:21	156-59-2	
trans-1,2-Dichloroethene	23.8	ug/L	3.6	1.1	1		08/20/19 08:21	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/20/19 08:21	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/20/19 08:21	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/20/19 08:21	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/20/19 08:21	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/20/19 08:21	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/20/19 08:21	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/20/19 08:21	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/20/19 08:21	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/20/19 08:21	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/20/19 08:21	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/20/19 08:21	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/20/19 08:21	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/20/19 08:21	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/20/19 08:21	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/20/19 08:21	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/20/19 08:21	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/20/19 08:21	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ16**      **Lab ID: 40193087016**      Collected: 08/13/19 16:00      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/20/19 08:21	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		08/20/19 08:21	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/20/19 08:21	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/20/19 08:21	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/20/19 08:21	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/20/19 08:21	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/20/19 08:21	79-00-5	
Trichloroethene	41.9	ug/L	1.0	0.26	1		08/20/19 08:21	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/20/19 08:21	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/20/19 08:21	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/20/19 08:21	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/20/19 08:21	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/20/19 08:21	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/20/19 08:21	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/20/19 08:21	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		08/20/19 08:21	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		08/20/19 08:21	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		08/20/19 08:21	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ17**      **Lab ID: 40193087017**      Collected: 08/13/19 16:15      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/20/19 08:43	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/20/19 08:43	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/20/19 08:43	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/20/19 08:43	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/20/19 08:43	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/20/19 08:43	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 08:43	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/20/19 08:43	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/20/19 08:43	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/20/19 08:43	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 08:43	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/20/19 08:43	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/20/19 08:43	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/20/19 08:43	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/20/19 08:43	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/20/19 08:43	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/20/19 08:43	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/20/19 08:43	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/20/19 08:43	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/20/19 08:43	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 08:43	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/20/19 08:43	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/20/19 08:43	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/20/19 08:43	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/20/19 08:43	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/20/19 08:43	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/20/19 08:43	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		08/20/19 08:43	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		08/20/19 08:43	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/20/19 08:43	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/20/19 08:43	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/20/19 08:43	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/20/19 08:43	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/20/19 08:43	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/20/19 08:43	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/20/19 08:43	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/20/19 08:43	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/20/19 08:43	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/20/19 08:43	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/20/19 08:43	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/20/19 08:43	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/20/19 08:43	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/20/19 08:43	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/20/19 08:43	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/20/19 08:43	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/20/19 08:43	630-20-6	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ17**      **Lab ID: 40193087017**      Collected: 08/13/19 16:15      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/20/19 08:43	79-34-5	
Tetrachloroethene	41.1	ug/L	1.1	0.33	1		08/20/19 08:43	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/20/19 08:43	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/20/19 08:43	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/20/19 08:43	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/20/19 08:43	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/20/19 08:43	79-00-5	
Trichloroethene	2.5	ug/L	1.0	0.26	1		08/20/19 08:43	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/20/19 08:43	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/20/19 08:43	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/20/19 08:43	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/20/19 08:43	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/20/19 08:43	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/20/19 08:43	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/20/19 08:43	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		08/20/19 08:43	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		08/20/19 08:43	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		08/20/19 08:43	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ18**      **Lab ID: 40193087018**      Collected: 08/13/19 16:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/20/19 09:04	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/20/19 09:04	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/20/19 09:04	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/20/19 09:04	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/20/19 09:04	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/20/19 09:04	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 09:04	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/20/19 09:04	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/20/19 09:04	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/20/19 09:04	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 09:04	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/20/19 09:04	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/20/19 09:04	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/20/19 09:04	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/20/19 09:04	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/20/19 09:04	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/20/19 09:04	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/20/19 09:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/20/19 09:04	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/20/19 09:04	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 09:04	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/20/19 09:04	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/20/19 09:04	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/20/19 09:04	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/20/19 09:04	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/20/19 09:04	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/20/19 09:04	75-35-4	
cis-1,2-Dichloroethene	14.7	ug/L	1.0	0.27	1		08/20/19 09:04	156-59-2	
trans-1,2-Dichloroethene	15.3	ug/L	3.6	1.1	1		08/20/19 09:04	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/20/19 09:04	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/20/19 09:04	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/20/19 09:04	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/20/19 09:04	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/20/19 09:04	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/20/19 09:04	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/20/19 09:04	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/20/19 09:04	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/20/19 09:04	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/20/19 09:04	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/20/19 09:04	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/20/19 09:04	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/20/19 09:04	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/20/19 09:04	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/20/19 09:04	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/20/19 09:04	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/20/19 09:04	630-20-6	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: CPZ18**      **Lab ID: 40193087018**      Collected: 08/13/19 16:30      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/20/19 09:04	79-34-5	
Tetrachloroethene	9.7	ug/L	1.1	0.33	1		08/20/19 09:04	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/20/19 09:04	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/20/19 09:04	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/20/19 09:04	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/20/19 09:04	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/20/19 09:04	79-00-5	
Trichloroethene	28.4	ug/L	1.0	0.26	1		08/20/19 09:04	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/20/19 09:04	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/20/19 09:04	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/20/19 09:04	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/20/19 09:04	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/20/19 09:04	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/20/19 09:04	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/20/19 09:04	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		08/20/19 09:04	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		08/20/19 09:04	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/20/19 09:04	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: BOENSKI**      **Lab ID: 40193087019**      Collected: 08/13/19 16:45      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/20/19 07:17	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/20/19 07:17	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/20/19 07:17	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/20/19 07:17	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/20/19 07:17	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/20/19 07:17	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 07:17	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/20/19 07:17	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/20/19 07:17	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/20/19 07:17	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 07:17	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/20/19 07:17	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/20/19 07:17	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/20/19 07:17	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/20/19 07:17	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/20/19 07:17	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/20/19 07:17	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/20/19 07:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/20/19 07:17	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/20/19 07:17	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/20/19 07:17	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/20/19 07:17	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/20/19 07:17	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/20/19 07:17	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/20/19 07:17	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/20/19 07:17	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/20/19 07:17	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		08/20/19 07:17	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		08/20/19 07:17	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/20/19 07:17	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/20/19 07:17	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/20/19 07:17	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/20/19 07:17	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/20/19 07:17	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/20/19 07:17	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/20/19 07:17	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		08/20/19 07:17	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/20/19 07:17	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/20/19 07:17	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/20/19 07:17	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/20/19 07:17	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/20/19 07:17	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/20/19 07:17	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/20/19 07:17	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/20/19 07:17	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/20/19 07:17	630-20-6	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

**Sample: BOENSKI**      **Lab ID: 40193087019**      Collected: 08/13/19 16:45      Received: 08/15/19 09:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/20/19 07:17	79-34-5	
Tetrachloroethene	18.8	ug/L	1.1	0.33	1		08/20/19 07:17	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		08/20/19 07:17	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/20/19 07:17	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/20/19 07:17	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/20/19 07:17	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/20/19 07:17	79-00-5	
Trichloroethene	3.5	ug/L	1.0	0.26	1		08/20/19 07:17	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/20/19 07:17	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/20/19 07:17	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		08/20/19 07:17	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/20/19 07:17	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/20/19 07:17	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		08/20/19 07:17	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		08/20/19 07:17	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		08/20/19 07:17	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		08/20/19 07:17	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		08/20/19 07:17	2037-26-5	

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

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QC Batch: 330885 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
 Associated Lab Samples: 40193087001, 40193087002, 40193087003, 40193087004, 40193087005, 40193087006, 40193087007, 40193087008, 40193087009, 40193087010, 40193087011, 40193087012, 40193087013, 40193087014, 40193087015, 40193087016, 40193087017, 40193087018, 40193087019

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METHOD BLANK: 1919741 Matrix: Water  
 Associated Lab Samples: 40193087001, 40193087002, 40193087003, 40193087004, 40193087005, 40193087006, 40193087007, 40193087008, 40193087009, 40193087010, 40193087011, 40193087012, 40193087013, 40193087014, 40193087015, 40193087016, 40193087017, 40193087018, 40193087019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	08/19/19 08:09	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	08/19/19 08:09	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	08/19/19 08:09	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	08/19/19 08:09	
1,1-Dichloroethane	ug/L	<0.27	1.0	08/19/19 08:09	
1,1-Dichloroethene	ug/L	<0.24	1.0	08/19/19 08:09	
1,1-Dichloropropene	ug/L	<0.54	1.8	08/19/19 08:09	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	08/19/19 08:09	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	08/19/19 08:09	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/19/19 08:09	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	08/19/19 08:09	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	08/19/19 08:09	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	08/19/19 08:09	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	08/19/19 08:09	
1,2-Dichloroethane	ug/L	<0.28	1.0	08/19/19 08:09	
1,2-Dichloropropane	ug/L	<0.28	1.0	08/19/19 08:09	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	08/19/19 08:09	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	08/19/19 08:09	
1,3-Dichloropropane	ug/L	<0.83	2.8	08/19/19 08:09	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	08/19/19 08:09	
2,2-Dichloropropane	ug/L	<2.3	7.6	08/19/19 08:09	
2-Chlorotoluene	ug/L	<0.93	5.0	08/19/19 08:09	
4-Chlorotoluene	ug/L	<0.76	2.5	08/19/19 08:09	
Benzene	ug/L	<0.25	1.0	08/19/19 08:09	
Bromobenzene	ug/L	<0.24	1.0	08/19/19 08:09	
Bromochloromethane	ug/L	<0.36	5.0	08/19/19 08:09	
Bromodichloromethane	ug/L	<0.36	1.2	08/19/19 08:09	
Bromoform	ug/L	<4.0	13.2	08/19/19 08:09	
Bromomethane	ug/L	<0.97	5.0	08/19/19 08:09	
Carbon tetrachloride	ug/L	<0.17	1.0	08/19/19 08:09	
Chlorobenzene	ug/L	<0.71	2.4	08/19/19 08:09	
Chloroethane	ug/L	<1.3	5.0	08/19/19 08:09	
Chloroform	ug/L	<1.3	5.0	08/19/19 08:09	
Chloromethane	ug/L	<2.2	7.3	08/19/19 08:09	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	08/19/19 08:09	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	08/19/19 08:09	
Dibromochloromethane	ug/L	<2.6	8.7	08/19/19 08:09	
Dibromomethane	ug/L	<0.94	3.1	08/19/19 08:09	

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.

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

METHOD BLANK: 1919741

Matrix: Water

Associated Lab Samples: 40193087001, 40193087002, 40193087003, 40193087004, 40193087005, 40193087006, 40193087007, 40193087008, 40193087009, 40193087010, 40193087011, 40193087012, 40193087013, 40193087014, 40193087015, 40193087016, 40193087017, 40193087018, 40193087019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.50	5.0	08/19/19 08:09	
Diisopropyl ether	ug/L	<1.9	6.3	08/19/19 08:09	
Ethylbenzene	ug/L	<0.22	1.0	08/19/19 08:09	
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	08/19/19 08:09	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	08/19/19 08:09	
m&p-Xylene	ug/L	<0.47	2.0	08/19/19 08:09	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	08/19/19 08:09	
Methylene Chloride	ug/L	<0.58	5.0	08/19/19 08:09	
n-Butylbenzene	ug/L	<0.71	2.4	08/19/19 08:09	
n-Propylbenzene	ug/L	<0.81	5.0	08/19/19 08:09	
Naphthalene	ug/L	<1.2	5.0	08/19/19 08:09	
o-Xylene	ug/L	<0.26	1.0	08/19/19 08:09	
p-Isopropyltoluene	ug/L	<0.80	2.7	08/19/19 08:09	
sec-Butylbenzene	ug/L	<0.85	5.0	08/19/19 08:09	
Styrene	ug/L	<0.47	1.6	08/19/19 08:09	
tert-Butylbenzene	ug/L	<0.30	1.0	08/19/19 08:09	
Tetrachloroethene	ug/L	<0.33	1.1	08/19/19 08:09	
Toluene	ug/L	<0.17	5.0	08/19/19 08:09	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	08/19/19 08:09	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	08/19/19 08:09	
Trichloroethene	ug/L	<0.26	1.0	08/19/19 08:09	
Trichlorofluoromethane	ug/L	<0.21	1.0	08/19/19 08:09	
Vinyl chloride	ug/L	<0.17	1.0	08/19/19 08:09	
4-Bromofluorobenzene (S)	%	99	70-130	08/19/19 08:09	
Dibromofluoromethane (S)	%	100	70-130	08/19/19 08:09	
Toluene-d8 (S)	%	98	70-130	08/19/19 08:09	

LABORATORY CONTROL SAMPLE: 1919742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.8	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.3	95	70-130	
1,1,2-Trichloroethane	ug/L	50	48.9	98	70-130	
1,1-Dichloroethane	ug/L	50	42.7	85	73-150	
1,1-Dichloroethene	ug/L	50	40.6	81	73-138	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.1	92	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	46.7	93	70-130	
1,2-Dichlorobenzene	ug/L	50	48.2	96	70-130	
1,2-Dichloroethane	ug/L	50	49.8	100	75-140	
1,2-Dichloropropane	ug/L	50	48.3	97	73-135	
1,3-Dichlorobenzene	ug/L	50	48.6	97	70-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

LABORATORY CONTROL SAMPLE: 1919742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	48.3	97	70-130	
Benzene	ug/L	50	51.1	102	70-130	
Bromodichloromethane	ug/L	50	48.4	97	70-130	
Bromoform	ug/L	50	41.1	82	68-129	
Bromomethane	ug/L	50	31.1	62	18-159	
Carbon tetrachloride	ug/L	50	49.4	99	70-130	
Chlorobenzene	ug/L	50	48.2	96	70-130	
Chloroethane	ug/L	50	43.0	86	53-147	
Chloroform	ug/L	50	50.0	100	74-136	
Chloromethane	ug/L	50	36.8	74	29-115	
cis-1,2-Dichloroethene	ug/L	50	50.8	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	70-130	
Dibromochloromethane	ug/L	50	47.5	95	70-130	
Dichlorodifluoromethane	ug/L	50	44.8	90	10-130	
Ethylbenzene	ug/L	50	49.8	100	80-124	
Isopropylbenzene (Cumene)	ug/L	50	49.3	99	70-130	
m&p-Xylene	ug/L	100	98.5	98	70-130	
Methyl-tert-butyl ether	ug/L	50	37.5	75	54-137	
Methylene Chloride	ug/L	50	39.9	80	73-138	
o-Xylene	ug/L	50	47.9	96	70-130	
Styrene	ug/L	50	48.9	98	70-130	
Tetrachloroethene	ug/L	50	44.8	90	70-130	
Toluene	ug/L	50	48.9	98	80-126	
trans-1,2-Dichloroethene	ug/L	50	41.1	82	73-145	
trans-1,3-Dichloropropene	ug/L	50	49.5	99	70-130	
Trichloroethene	ug/L	50	49.7	99	70-130	
Trichlorofluoromethane	ug/L	50	43.8	88	76-147	
Vinyl chloride	ug/L	50	43.7	87	51-120	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			105	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1919870 1919871

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40193087004	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.24	50	50	53.1	52.4	106	105	70-130	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	47.0	49.2	94	98	70-130	5	20		
1,1,2-Trichloroethane	ug/L	<0.55	50	50	49.8	51.3	100	103	70-137	3	20		
1,1-Dichloroethane	ug/L	<0.27	50	50	43.8	44.3	88	89	73-153	1	20		
1,1-Dichloroethene	ug/L	<0.24	50	50	40.6	40.3	81	81	73-138	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	46.1	45.5	92	91	70-130	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	46.1	46.7	92	93	58-129	1	20		
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	47.9	49.4	96	99	70-130	3	20		

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**QUALITY CONTROL DATA**

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1919870		1919871		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40193087004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichlorobenzene	ug/L	<0.71	50	50	50.9	49.7	102	99	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.28	50	50	50.6	52.3	101	105	75-140	3	20		
1,2-Dichloropropane	ug/L	<0.28	50	50	52.0	50.2	104	100	71-138	3	20		
1,3-Dichlorobenzene	ug/L	<0.63	50	50	50.4	49.2	101	98	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.94	50	50	48.9	48.6	98	97	70-130	1	20		
Benzene	ug/L	<0.25	50	50	52.2	52.9	104	106	70-130	1	20		
Bromodichloromethane	ug/L	3.7	50	50	54.9	54.9	102	102	70-130	0	20		
Bromoform	ug/L	<4.0	50	50	42.2	43.2	84	86	68-129	2	20		
Bromomethane	ug/L	<0.97	50	50	30.9	32.1	62	64	15-170	4	20		
Carbon tetrachloride	ug/L	<0.17	50	50	50.7	50.7	101	101	70-130	0	20		
Chlorobenzene	ug/L	<0.71	50	50	49.8	49.7	100	99	70-130	0	20		
Chloroethane	ug/L	<1.3	50	50	47.4	45.5	95	91	51-148	4	20		
Chloroform	ug/L	48.9	50	50	98.9	100	100	103	74-136	2	20		
Chloromethane	ug/L	<2.2	50	50	38.6	38.2	77	76	23-115	1	20		
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	51.2	51.2	102	102	70-131	0	20		
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	50.1	50.2	100	100	70-130	0	20		
Dibromochloromethane	ug/L	<2.6	50	50	49.3	50.4	99	101	70-130	2	20		
Dichlorodifluoromethane	ug/L	<0.50	50	50	45.3	45.7	91	91	10-132	1	20		
Ethylbenzene	ug/L	<0.22	50	50	51.3	51.8	103	104	80-125	1	20		
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	51.0	50.5	102	101	70-130	1	20		
m&p-Xylene	ug/L	<0.47	100	100	101	101	101	101	70-130	0	20		
Methyl-tert-butyl ether	ug/L	<1.2	50	50	37.7	39.1	75	78	51-145	4	20		
Methylene Chloride	ug/L	<0.58	50	50	39.8	41.5	80	83	73-140	4	20		
o-Xylene	ug/L	<0.26	50	50	50.1	49.9	100	100	70-130	1	20		
Styrene	ug/L	<0.47	50	50	49.9	51.3	100	103	70-130	3	20		
Tetrachloroethene	ug/L	89.6	50	50	149	159	119	139	70-130	7	20	M1	
Toluene	ug/L	<0.17	50	50	50.5	50.5	101	101	80-131	0	20		
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	40.8	42.4	82	85	73-148	4	20		
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	50.3	50.7	101	101	70-130	1	20		
Trichloroethene	ug/L	<0.26	50	50	51.9	51.2	103	102	70-130	1	20		
Trichlorofluoromethane	ug/L	<0.21	50	50	50.4	44.6	101	89	74-147	12	20		
Vinyl chloride	ug/L	<0.17	50	50	43.9	45.6	88	91	41-129	4	20		
4-Bromofluorobenzene (S)	%						100	101	70-130				
Dibromofluoromethane (S)	%						102	106	70-130				
Toluene-d8 (S)	%						98	98	70-130				

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**REPORT OF LABORATORY ANALYSIS**

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## QUALIFIERS

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

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### 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.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

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

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1933B NORMINGTON DRY CLEANERS

Pace Project No.: 40193087

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40193087001	CPZ19	EPA 8260	330885		
40193087002	CPZ20	EPA 8260	330885		
40193087003	CPZ5D	EPA 8260	330885		
40193087004	CPZ4R	EPA 8260	330885		
40193087005	CPZ5	EPA 8260	330885		
40193087006	PZWR2	EPA 8260	330885		
40193087007	CPZ7	EPA 8260	330885		
40193087008	CPZ8	EPA 8260	330885		
40193087009	CPZ9	EPA 8260	330885		
40193087010	CPZ10	EPA 8260	330885		
40193087011	CPZ11	EPA 8260	330885		
40193087012	CPZ12	EPA 8260	330885		
40193087013	CPZ13	EPA 8260	330885		
40193087014	CPZ14	EPA 8260	330885		
40193087015	CPZ15	EPA 8260	330885		
40193087016	CPZ16	EPA 8260	330885		
40193087017	CPZ17	EPA 8260	330885		
40193087018	CPZ18	EPA 8260	330885		
40193087019	BOENSKI	EPA 8260	330885		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN OF CUSTODY

**Preservation Codes**  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)

PRESERVATION (CODE)\*

Regulatory Program:

**Data Package Options** (billable)  
 EPA Level III  
 EPA Level IV

**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample

**Matrix Codes**  
 A = Air  
 B = Biota  
 C = Charcoal  
 O = Oil  
 S = Soil  
 SL = Sludge  
 W = Water  
 DW = Drinking Water  
 GW = Ground Water  
 SW = Surface Water  
 WW = Waste Water  
 WP = Wipe

PACE LAB # CLIENT FIELD ID

DATE COLLECTION TIME MATRIX

014	CPZ 14	8/13/14	315	GW
015	CPZ 15		330	
016	CPZ 16		400	
017	CPZ 17		415	
018	CPZ 18		430	
019	Boenski		445	

Analyses Requested

**Quote #:**

**Mail To Contact:** Andy Delforse

**Mail To Company:** REI Engineering

**Mail To Address:** 4080 N 26th Ave  
Wausau WI 54401

**Invoice To Contact:** SAA

**Invoice To Company:**

**Invoice To Address:**

**Invoice To Phone:**

**CLIENT COMMENTS**

**LAB COMMENTS (Lab Use Only)**

**Profile #**

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)

Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:  
 Email #2:  
 Telephone:  
 Fax:

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

Relinquished By:

Date/Time:

Relinquished By:

Date/Time:

Relinquished By:

Date/Time:

Relinquished By:

Date/Time:

Relinquished By:

Date/Time:

Received By:

Date/Time:

Received By:

Date/Time:

Received By:

Date/Time:

Received By:

Date/Time:

Received By:

Date/Time:

PACE Project No.

40193087

Receipt Temp =

5 °C

Sample Receipt pH

OK / Adjusted

Cooler Custody Seal

Present / Not Present

Intact / Not Intact

Version 6.0 06/14/06

ORIGINAL

### Sample Preservation Receipt Form

Client Name: NEI Project # 40193087

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


Initial when completed: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Lab Lot# of pH paper: \_\_\_\_\_ Lab Std #ID of preservation (if pH adjusted): \_\_\_\_\_

Pace Lab #	Glass			Plastic						Vials			Jars		General		VOA Vials (>6mm) *	H <sub>2</sub> SO <sub>4</sub> pH $\Delta$	NaOH+Zn Act pH $\Delta$	NaOH pH $\geq 12$	HNO <sub>3</sub> pH $\Delta$	pH after adjusted	Volume (mL)			
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T								VG9U	VG9H	VG9M
001																										2.5 / 5 / 10
002																										2.5 / 5 / 10
003																										2.5 / 5 / 10
004																										2.5 / 5 / 10
005																										2.5 / 5 / 10
006																										2.5 / 5 / 10
007																										2.5 / 5 / 10
008																										2.5 / 5 / 10
009																										2.5 / 5 / 10
010																										2.5 / 5 / 10
011																										2.5 / 5 / 10
012																										2.5 / 5 / 10
013																										2.5 / 5 / 10
014																										2.5 / 5 / 10
015																										2.5 / 5 / 10
016																										2.5 / 5 / 10
017																										2.5 / 5 / 10
018																										2.5 / 5 / 10
019																										2.5 / 5 / 10
020																										2.5 / 5 / 10

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

AG1U	AG1H	AG4S	AG4U	AG5U	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN	
1 liter amber glass	1 liter amber glass HCL	125 mL amber glass H2SO4	120 mL amber glass unpres	100 mL amber glass unpres	500 mL amber glass H2SO4	250 mL clear glass unpres	1 liter plastic unpres	500 mL plastic HNO3	500 mL plastic NaOH, Znact	250 mL plastic unpres	250 mL plastic NaOH	250 mL plastic HNO3	250 mL plastic H2SO4	40 mL amber ascorbic	40 mL amber Na Thio	40 mL clear vial unpres	40 mL clear vial HCL	40 mL clear vial MeOH	40 mL clear vial DI	4 oz amber jar unpres	4 oz clear jar unpres	4 oz plastic jar unpres	120 mL plastic Na Thiosulfate	ziploc bag	

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: <b>Sample Condition Upon Receipt (SCUR)</b>	Document Revised: 25Apr2018
	Document No.: <b>F-GB-C-031-Rev.07</b>	Issuing Authority: Pace Green Bay Quality Office

**Sample Condition Upon Receipt Form (SCUR)**

**Client Name:** REI  
**Courier:**  CS Logistics  Fed Ex  Speedee  UPS  Walto  
 Client  Pace Other: \_\_\_\_\_

Project #: \_\_\_\_\_  
**WO#: 40193087**  
  
 40193087

**Tracking #:** 2145216  
**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 - 24    **Type of Ice:** Wet Blue Dry None  Samples on ice, cooling process has begun  
**Cooler Temperature:** Uncorr: 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.

Person examining contents:  
 Date: 8/15/19  
 Initials: [Signature]

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

**Client Notification/ Resolution:** \_\_\_\_\_ If checked, see attached form for additional comments   
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_

**Project Manager Review:** [Signature]    **Date:** 8-16-19  
 Page 2 of 2    Page 52 of 52