

**From:** Ron Anderson <rona@metcofs.com>  
**Sent:** Thursday, April 08, 2021 8:39 AM  
**To:** Grittner, Paul V - DNR  
**Cc:** jetwomey@aol.com; sbillingsley@kenosha.org; Jason Powell  
**Subject:** RE: Rosselli Dry Cleaning ROW access  
**Attachments:** 0371\_001.pdf; C2934 1-18-21 58207200\_SlandWP draft.pdf

**Categories:** Closure Review

Good morning Paul...

Thanks for the email. Attached is a map showing the location of the Rosselli property and our proposed monitoring well locations.

All of the wells are proposed to be located on City property with the exception of the one well adjacent to the Rosselli building. Per the connected buildings in the immediate area, the only locations to put the monitoring wells anywhere near the site is on City property.

Also attached is the most recent SI Report from Terracon showing what work has been done to date.

Since the Rosselli property has been adequately investigated and access has been denied by the City, we recommend that this site be granted a "No Action Required" or be given a path to "Closure".

Thanks!! Ron

**Ron Anderson PG**

**METCO** – Senior Hydrogeologist  
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**From:** Grittner, Paul V - DNR <[Paul.Grittner@wisconsin.gov](mailto:Paul.Grittner@wisconsin.gov)>  
**Sent:** Tuesday, April 06, 2021 3:37 PM  
**To:** [sbillingsley@kenosha.org](mailto:sbillingsley@kenosha.org); Ron Anderson <[rona@metcofs.com](mailto:rona@metcofs.com)>  
**Cc:** [jetwomey@aol.com](mailto:jetwomey@aol.com)  
**Subject:** Rosselli Dry Cleaning ROW access

Subject: Rosselli Dry Cleaning (FMR) at 715 57<sup>th</sup> Street, Kenosha  
DNR BRRTS Activity # 02-30-586299

As stated previously, the DNR has provided no recommendations or approvals regarding the investigation being conducted at this site. Environmental sampling within a right of way may be necessary to complete a site investigation if that is the only way to obtain the needed data. Without further information (such as a site investigation work plan or report submitted with the appropriate review fee) the DNR would not be able to determine if sampling in the rights of way adjacent to this site would be necessary. If access is required, and reasonable access is not provided, the right of way holder may be responsible for addressing the contamination within the ROW.

Please contact me at the number or email below if you have any further questions regarding this site.

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**Paul Grittner**

Hydrogeologist - Remediation and Redevelopment Program

Wisconsin Department of Natural Resources

Phone: (414) 405-0764

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[dnr.wi.gov](http://dnr.wi.gov)





# KENOSHA COUNTY INTERACTIVE MAPPING

## Legend

- Street Centerlines
- Right-of-Ways
- Water Features
- ▭ Parcels

⊗ - Proposed  
Soil Boring/  
Monitoring Well Location



1 inch = 63 feet



DISCLAIMER: This map is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, data and information located in various state, county and municipal offices and other sources affecting the area shown and is to be used for reference purposes only. Kenosha County is not responsible for any inaccuracies herein contained. If discrepancies are found, please contact Kenosha County.

Date Printed: 2/10/2021

# Site Investigation Status Report and Work Plan

**Rosselli Dry Cleaning (FMR)**  
**715 57th Street #101**  
**Kenosha, Kenosha County, Wisconsin**  
BRRTS #02-30-586299  
January 18, 2021  
Terracon Project No. 58207200



**Prepared for:**

757 Properties, LLC  
La Farge, Wisconsin

**Prepared by:**

Terracon Consultants, Inc.  
Franklin, Wisconsin

Offices Nationwide  
Employee-Owned

Established in 1965  
terracon.com

# Terracon

Geotechnical   ■   Environmental   ■   Construction Materials   ■   Facilities

January 18, 2021



Wisconsin Department of Natural Resources  
2300 North Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212

Attention: Ms. Jennifer Dorman  
Phone: (608) 219-2205  
Email: Jennifer.Dorman@wisconsin.gov

RE: **Site Investigation Status Report and Work Plan**  
Rosselli Dry Cleaning (FMR)  
715 57<sup>th</sup> Street #101  
Kenosha, Wisconsin  
WDNR BRRTS #02-30-586299  
Terracon Project No. 58207200

Dear Ms. Dorman:

Terracon Consultants, Inc. (Terracon) has completed site investigation (SI) activities for the Former Rosselli Dry Cleaning project located at 715 57<sup>th</sup> Street #101, Kenosha, Kenosha County, Wisconsin (the site). The SI was completed in general accordance with the scope of work presented in a September 22, 2020 *Site Investigation Work Plan*.

Based on the SI results, it is our opinion that additional work is warranted. Terracon has prepared this *Site Investigation Status Report and Work Plan* (Report) to document the investigation activities completed to date and provide recommendations regarding additional work.

A fee-based WDNR review of the work plan is not requested at this time. The work plan includes the installation of a pre-packed groundwater monitoring well. Terracon, on behalf of 757 Properties, LLC, requests an exemption from NR 141, Wisconsin Administrative Code (WAC) to install the pre-packed groundwater monitoring well.



Terracon Consultants, Inc. 9856 South 57<sup>th</sup> Street Franklin, Wisconsin 53132  
P [414] 423 0255 F [414] 423 0566 terracon.com

Geotechnical



Environmental



Construction Materials



Facilities

**Site Investigation Status Report and Work Plan**

Rosselli Dry Cleaning (FMR) ■ Kenosha, Wisconsin

January 18, 2021 ■ Terracon Project No. 58207200



We appreciate your assistance with this project. If you have any questions or require additional information, please contact us at (414) 423-0255.

Sincerely,

**Terracon**

Krista L. Kroeninger  
Staff Geologist

Edmund A. Buc, P.E., CHMM  
Department Manager

Copies: James Twomey – 757 Properties, LLC

EAB/TPW:klk/N:\Projects\2020\58207200\Working Files\DRAFTS (Proposal-Reports-Communications)\for client review\58207200\_SlandWP draft.docx

DRAFT

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**APPENDICES**

Appendix A – Exhibits

- Exhibit 1 – Topographic Map
- Exhibit 2 – Site and Vicinity Map
- Exhibit 3 – Site Diagram
- Exhibit 4 – Soil Contamination Map

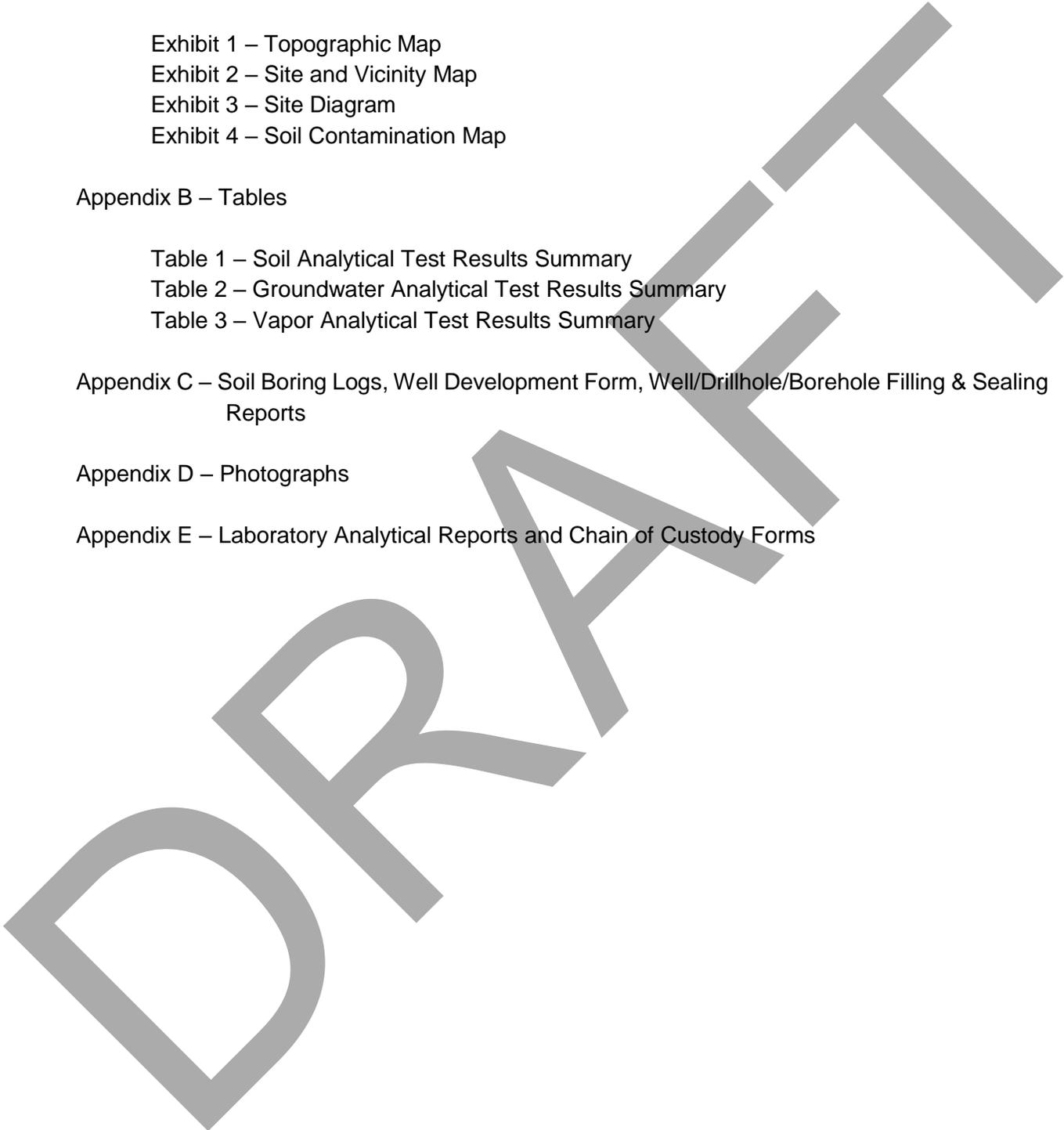
Appendix B – Tables

- Table 1 – Soil Analytical Test Results Summary
- Table 2 – Groundwater Analytical Test Results Summary
- Table 3 – Vapor Analytical Test Results Summary

Appendix C – Soil Boring Logs, Well Development Form, Well/Drillhole/Borehole Filling & Sealing Reports

Appendix D – Photographs

Appendix E – Laboratory Analytical Reports and Chain of Custody Forms



**SITE INVESTIGATION STATUS REPORT AND WORK PLAN  
ROSSELLI DRY CLEANING (FMR)  
715 57th STREET #101  
KENOSHA, KENOSHA COUNTY, WISCONSIN**

**WDNR BRRTS #02-30-586299  
TERRACON PROJECT NO. 58207200  
JANUARY 18, 2021**

## **1.0 INTRODUCTION**

757 Properties, LLC retained Terracon Consultants, Inc. (Terracon) to perform site investigation (SI) activities at the former Rosselli Dry Cleaners located at 715 57<sup>th</sup> Street #101, Kenosha, Kenosha County, Wisconsin (site). The SI was completed in general accordance with the scope of work presented in a September 20, 2020 *Site Investigation Work Plan*.

The scope of services included:

- Collection of soil samples from two direct-push soil borings located inside the building, east and west of soil boring GP-3;
- Installation of one NR 140, Wisconsin Administrative Code (WAC)-compliant groundwater monitoring well at soil boring GP-3 (MW-2);
- Collection of a groundwater sample from groundwater monitoring well MW-2; and
- Collection of a sub-slab vapor, indoor, and outdoor air samples.

Based on the SI results, additional work is warranted. Terracon has prepared this *Site Investigation Status Report and Work Plan* (Report) to document the investigation activities completed to date and provide recommendations regarding additional work.

### **1.1 Background Information**

The site is located at 715 57<sup>th</sup> Street #101, Kenosha, Kenosha County, Wisconsin. The site is located on parcel #12-223-31-478-001. A topographic map depicting the site location is included as Exhibit 1, Appendix A. The site location and adjoining parcels are depicted on Exhibit 2, Appendix A.

We understand a dry cleaner (Rosselli Dry Cleaning) operated at the site from approximately 1957 until 1997. The former dry-cleaning operations took place on the southern portion of the 0.13-acre parcel. The site was purchased by 757 Properties, LLC, which removed the dry cleaning equipment. During removal of dry cleaning equipment from the building, an aboveground storage tank (AST) containing naphtha was encountered and removed. Relatives of the previous owners stated naphtha was used as the dry cleaning solvent throughout the operating life of the dry

## Status Report and Work Plan

Rosselli Dry Cleaning (FMR) ■ Kenosha, Wisconsin

January 18, 2020 ■ Terracon Project No. 58207200



cleaners. The naphtha AST and dry cleaning equipment had been located in the southeastern portion of the building, and a furnace and fuel oil AST were formerly located in the southwest corner of the building. Until recently, Book Restoration Company operated at the site, restoring books and maps. The building is currently unoccupied.

Because the building had previously housed a dry cleaners, 757 Properties, LLC retained EPS Environmental Services, Inc. (EPS) to collect soil and groundwater samples prior to the start of the renovations. Based on a *Limited Subsurface Investigation* (LSI) report prepared by EPS, four direct-push soil borings (GP-1 through GP-4) were advanced to depths ranging from 12 to 16 feet below ground surface (bgs), and one temporary groundwater monitoring well (MW-1) was installed in July 2020. Five soil samples were analyzed for volatile organic compounds (VOCs) and polynuclear aromatic hydrocarbons (PAHs). Water did not accumulate in temporary well MW-1; consequently, a groundwater sample was not collected for laboratory analysis. The soil boring and monitoring well locations are depicted on Exhibit 3, Appendix A. Analytical results are summarized in Tables 1 and 2, Appendix B.

The soil samples did not contain PAHs at concentrations above their laboratory analytical limits of detection (LOD). One soil sample (GP-1/6') contained toluene at a concentration of 0.0049 milligrams per kilogram (mg/kg), which is less than its residual contaminant levels (RCLs). One soil sample (GP-3/6') contained tetrachloroethene (aka perchloroethene, PCE) at a concentration of 0.10 mg/kg, which is greater than its soil to groundwater pathway RCL. 757 Properties, LLC reported these results to the WDNR on August 6, 2020. The WDNR subsequently opened an environmental repair program (ERP) case for the site, Bureau of Remediation and Redevelopment Tracking System (BRRTS) #02-30-586299, and directed 757 Properties, LLC to retain an environmental consultant and conduct a site investigation to define the extent of contamination.

## 2.0 INVESTIGATION SCOPING

Terracon has been retained by 757 Properties, LLC to conduct a site investigation, and develop a scope of work to determine the magnitude and delineate the extent of contamination detected at the site. A site investigation work plan (SIWP), dated September 21, 2020, was submitted to the WDNR.

### 2.1 Site Location and Contact Information

The following information is provided in accordance with NR 716.09(2)(a) and (b), WAC.

Site Name: Rosselli Dry Cleaning (FMR), BRRTS #02-30-586299.

Site Location: The site is located at a street address of 715 57<sup>th</sup> Street, Kenosha, Kenosha County, Wisconsin.

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SE¼ of the SE¼ of Section 31, Township 2 North, Range 23 East  
WTM – X=698,882, Y=236,885  
Latitude/Longitude – 42° 35' 01.2" N, 87° 49' 12.2" W

### Responsible Party:

757 Properties, LLC  
c/o James Twomey  
S3254 Union Avenue  
La Farge, Wisconsin 54639  
(608) 625-6993  
[jetowomey@aol.com](mailto:jetowomey@aol.com)

### Property Owner:

757 Properties, LLC  
c/o James Twomey  
S3254 Union Avenue  
La Farge, Wisconsin 54639  
(608) 625-6993  
[jetowomey@aol.com](mailto:jetowomey@aol.com)

### Environmental Consultant:

Krista L. Kroeninger  
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Franklin, Wisconsin 53213  
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[krista.kroeninger@gmail.com](mailto:krista.kroeninger@gmail.com)

## 2.2 Site Investigation Scoping

The following relevant items were evaluated in accordance with NR 716.07, WAC.

Site History [NR 716.07(1)] – Based on a discussion with the current owner, the history of the site included dry cleaner operations from approximately 1957 to 1997. Until recently, Book Restoration Company operated at the site, restoring books and maps. The building is currently unoccupied.

Contaminant Types [NR 716.07(2)] – Based on the historical property usage, potential contaminants of interest included VOCs and PAHs.

Soil samples collected during the July 2020 LSI were analyzed for VOCs and PAHs. The soil samples did not contain PAHs at concentrations above their LOD. One soil sample contained toluene at a concentration of 0.0049 mg/kg, which is less than its RCL. Another soil sample contained PCE at a concentration of 0.10 mg/kg, which is greater than its soil to groundwater pathway RCL. Based on these results, subsequent samples were analyzed for VOCs.

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History of Previous Hazardous Substance Discharges [NR 716.07(3)] –The LSI results were reported to the WDNR, which opened an ERP case (BRRTS #02-30-586299). Terracon reviewed the Remediation and Redevelopment (RR) Sites Map to evaluate if additional reported releases are present. The open ERP case is the only reported release for the site.

Four releases are located near the site, based on the RR Sites Map:

- Kenosha Main Post Office, 5605 Sheridan Road, is located northwest of the site. A release was reported in October 1997, and a leaking underground storage tank (LUST) case (BRRTS #03-30-176899) was opened. The case received regulatory closure in September 1998. The WDNR information includes a groundwater flow map depicting flow to the east. Based on a report by STS Consultants, no significant release was found and groundwater was not encountered during the investigation. It is unlikely that contamination from the Kenosha Post Office has migrated onto the site.
- Former Heritage House, 5706 8<sup>th</sup> Avenue, is located southwest of the site. A release was reported in August 2016, and an ERP case (BRRTS #02-30-577677) was opened. The case remains open. PAHs and PCE were detected in groundwater and soil. PAHs were thought to be associated with the shallow fill material and not present in the native soil. Based on information on the WDNR's website, groundwater flow at the former Heritage House site was east.
- Kenosha News, 715 58<sup>th</sup> Street, is located south of the site. A release was reported in October 1989, and a LUST case (BRRTS #03-30-000621) was opened. The case received regulatory closure in April 2000. Limited information regarding this release was available through the WDNR's website. Based on information on the WDNR's website, groundwater flow at the Kenosha News site was east, and groundwater contamination consisted of VOCs. It is unlikely that contamination from the Kenosha News site has migrated onto the site.
- Associated Bank (Former Midas), 5701 Sheridan Road, is located west of the site. A release was reported in July 1991, and a LUST case (BRRTS #03-30-001791) was opened. The case received regulatory closure in May 2000. Based on information on the WDNR's website, groundwater flow at the Associated Bank site was west, and groundwater contamination consisted of VOCs. It is unlikely that contamination from the Associated Bank site has migrated onto the site.

Environmental Media [NR 716.07(4)] – Based on limited site investigation, soil and potentially groundwater and vapor, had been affected by the release.

Site Location [NR 716.07(5)] – The site is located in a mixed-use area of commercial, institutional park, and industrial development.

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Access [NR 716.07(6)] – The current site owner is 757 Properties, LLC. We have contacted James Twomey of 757 Properties to discuss the requested site investigation and obtain access to the site.

Receptors [NR 716.07(7)] – The site is currently unoccupied, but is being renovated for potential commercial use. According to the Kenosha County Interactive Mapping System, the site and adjoining properties are zoned for Central Business (B-3). Water service is provided by the City of Kenosha. Terracon reviewed water supply well information available from the WDNR, and water supply wells were not identified for the site. There are no wells potentially located within 1,200 feet of the site.

Potential Impacts to Sensitive Habitat, Wetlands, Resource Waters, and Historical Sites [NR 716.07(8)] – The site is located in a developed area of Kenosha. The Wisconsin Wetland Inventory map does not depict wetlands on the site. The site is not associated with outstanding resource waters or exceptional resource waters as defined in NR 102, WAC. Based on the current use of the site for commercial and industrial purposes, the site is not likely occupied by sensitive habitat or a historical/archeological site.

Interim Action [NR 716.07(9)] – The previous investigation identified soil and potentially groundwater and vapor contamination. Interim action is not warranted at this time as the building is not occupied, but will be further evaluated after the site investigation.

Other Conditions [NR 716.07(10)] – The site is not located in an area with unique climatological conditions that may affect the scope of site investigation activities.

Hydraulic Conductivity [NR 716.07(12)] – Hydraulic conductivity testing has not yet been completed. Soil consists of 6 feet of sand overlying clay soil. The clay soil likely exhibits a hydraulic conductivity in the range of  $10^{-7}$  to  $10^{-9}$  centimeters per second, with the sand likely exhibiting higher hydraulic conductivities. Groundwater did not accumulate in a temporary groundwater monitoring well installed during the LSI, suggesting the soil within the shallow groundwater table exhibits low hydraulic conductivity.

## 3.0 SITE INVESTIGATION PROCEDURES

The following sections provide details regarding the field activities performed during the SI.

### 3.1 Health and Safety

Terracon is committed to the safety of all its employees. As such, and in accordance with our *Incident and Injury Free*® safety goals, Terracon prepared a site safety plan to be used by our personnel during field services. Prior to commencement of each phase of on-site activities, Terracon held a brief health and safety meeting to review health and safety needs for this specific

## Status Report and Work Plan

Rosselli Dry Cleaning (FMR) ■ Kenosha, Wisconsin

January 18, 2020 ■ Terracon Project No. 58207200



project. A United States Environmental Protection Agency (USEPA) Level D work uniform consisting of hard hats, safety glasses, protective gloves, and steel toed boots was sufficient to perform the field activities.

Diggers Hotline was contacted (Ticket No. 20203822520) to locate utilities in the work area prior to the drilling activities described below. A private utility locator was retained to locate utilities in the work areas at the soil boring and groundwater monitoring well locations. In addition, available site personnel were consulted to help determine utility locations. Underground utilities are depicted on Exhibit 3, Appendix A.

### 3.2 Soil Sampling

On September 24, 2020, Terracon personnel mobilized to the site to advance three soil borings and install one groundwater monitoring well in accordance with the SIWP.. Upon arrival at the site, it was determined that the drill rig would not be able to access the proposed interior soil boring and monitoring well locations due to the presence of an interior partition and fire door. The drill rig was demobilized, and Terracon installed the sub-slab vapor point (SS-1), as described in a later section of this report. Based on the limited interior access, a drill rig capable of utilizing hollow-stem augers could not be used to install an NR 140, WAC-compliant groundwater monitoring well, but a direct-push drill rig could be used. Therefore, Terracon contacted the WDNR on September 29, 2020 to request an exemption under NR 141, WAC to install a pre-packed monitoring well (i.e., monitoring well screen, riser, and filter pack as one unit). The WDNR gave verbal approval of the exemption in a September 29, 2020 conversation.

On October 26, 2020, Terracon personnel remobilized to the site. Terracon's field activities included advancing three direct-push borings (P-1 through P-3) inside the building to evaluate the extent of the PCE impacted soil that was previously detected at soil boring GP-3 during the LSI. To evaluate the extent of PCE-impacted soil, soil boring P-2 was advanced west of GP-3 along the western wall of the building, and boring P-1 was advanced east of GP-3. Soil boring P-3 was advanced near boring GP-3 to install the pre-packed groundwater monitoring well . Boring depths varied from 8 to 15 feet bgs based on the observed moisture content. Observations of the soil moisture content at soil boring P-3 suggested insufficient water may be present at this location to collect a groundwater sample. Based on moisture content of the soil at boring P-1, boring P-3 was abandoned and monitoring well MW-2 was installed at boring P-1. The boring locations are depicted on Exhibit 3, Appendix A.

Drilling services were performed by Probe Technologies, Inc. under the oversight of Terracon personnel. Sampling equipment was decontaminated between uses at each boring location using a high-pressure washer. The soil type and characteristics were logged, and soil samples were screened on site using a photoionization detector (PID) to detect the presence of VOCs. The PID was calibrated according to the manufacturer's instructions using isobutylene gas at a concentration of 100 parts per million volume (ppmv) prior to beginning the investigation.

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January 18, 2020 ■ Terracon Project No. 58207200



Fill material was observed at each of the borings from the ground surface to depths ranging from 4 to 6 feet bgs. The fill material consisted of varying amounts of sand, silt, and gravel. The underlying native soil consisted of stiff silt and clay to a depth of approximately 15 feet bgs, the maximum depth explored. The soil samples did not exhibit PID readings above background levels. The soil samples did not exhibit odors or staining. Detailed soil descriptions and PID readings are presented on the soil boring logs included in Appendix C. Select photographs taken during the investigation are included in Appendix D.

Two soil samples were collected from each of borings P-1 and P-2 for laboratory analysis. Soil samples were not collected for laboratory analysis from boring P-3 as soil samples had been previously collected from nearby boring GP-3. One soil sample from each boring was collected from the upper 4 feet of soil/fill material to evaluate the potential for direct-contact risk. One sample was collected from the native soil, at depths approximately 1 to 2 feet below the apparent interface between the fill material and native soil. The soil samples were collected in laboratory-supplied containers, placed in an ice chest to cool to approximately four degrees Celsius (4°C), and transferred under chain-of-custody protocol to a Wisconsin-certified laboratory for analysis of VOCs by USEPA Method 8260B. After the soil samples were collected, the soil borings were abandoned in accordance with NR 141, WAC. Copies of the borehole abandonment forms are included in Appendix C.

### 3.3 Groundwater Monitoring Well Installation, Development, and Sampling

As noted earlier, a drill rig capable of turning hollow-stem augers could not access the location of the proposed groundwater monitoring well MW-2. Therefore, as discussed in the September 29, 2020, conversation with the WDNR, one pre-packed temporary groundwater monitoring well (MW-2) was installed at P-1, to replace the proposed NR 140, WAC-compliant groundwater monitoring well to be constructed at that location. Groundwater monitoring well MW-2 was installed at boring P-1 to evaluate the potential for migration of PCE from soil to groundwater. The groundwater monitoring well location is depicted on Exhibit 3, Appendix A.

Based on observations made during soil sampling, the depth to saturated soil indicative of the soil/groundwater interface at the time of drilling was approximately 8 feet bgs. The groundwater monitoring well was constructed to a depth of approximately 12 feet bgs using a 10-foot section of No. 10-slot, 1.0-inch diameter polyvinyl chloride (PVC) prepacked well screen, connected to a 1.0-inch diameter prepacked riser pipe extending to the ground surface. Additional sand filter pack was placed around the screen to the surface to stabilize the pre-packed well. Well construction details are included in the boring logs in Appendix C.

On November 3, 2020, the pre-packed groundwater monitoring well MW-2 was developed.. MW-2 was purged using a peristaltic pump and dedicated tubing. Monitoring well MW-2 was purged dry three times, and approximately 3 gallons were removed.. A well development form is included in Appendix C.

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January 18, 2020 ■ Terracon Project No. 58207200



On November 10, 2020, a groundwater sample was collected from groundwater monitoring well MW-2. The temporary monitoring well cap was opened, and groundwater allowed to equilibrate prior to the measurement of down-hole static water level. The static groundwater level was measured to the nearest 0.01 foot using an electronic water level probe that was decontaminated prior to measurement.

Terracon purged the groundwater monitoring well prior to sampling using a peristaltic pump and dedicated tubing. The groundwater sample was collected in laboratory-supplied containers, placed in an ice chest to cool to approximately 4°C, and transferred under chain-of-custody protocol to a Wisconsin-certified laboratory for analysis of VOCs by USEPA Method 8260B.

### 3.4 Vapor Monitoring

PCE can pose a potential vapor intrusion risk, and the WDNR requires an assessment of the vapor migration pathway as part of a SI.. For the evaluation of the vapor migration pathway, one sub-slab vapor sample (SS-1), an indoor air sample (IA-1), and a background outdoor air sample (OA-1) were collected on September 29, 2020. The sub-slab vapor sample and indoor air sample were collected near soil boring GP-3. The background outdoor air sample (OA-1) was collected east of the building exterior. Samples locations are depicted on Exhibit 3, Appendix A.

Sub-slab Vapor Sampling: The sub-slab vapor monitoring point (SS-1) consisted of a pre-fabricated Vapor Pin™ sample insert, constructed using a hammer drill in accordance with Terracon's and Cox Colvin standard operating procedures. The sampler insert was cleaned using an Alconox and distilled water solution before installation to remove residues and contaminants left over from the fabrication processes. A 5/8-inch diameter drill bit was advanced completely through the concrete slab and into the substrate below the concrete. The insert was then installed in the hole drilled through the concrete floor slab. A Vapor Pin™ leak-tight sub-slab gas sampling insert was subsequently installed into the concrete borehole and the insert was hammered into the concrete for a tight fit.

The integrity of the sample point was evaluated prior to sampling by conducting a leak test. The leak test was conducted by using a helium shroud over the vapor monitoring point for 15 minutes and monitoring the amount of helium in the sub-slab monitoring point. After leak testing was completed and determined that an adequate seal was present, the sample was collected by connecting the sample point to a Summa canister with dedicated tubing and opening the valve on the canister. Terracon collected the sub-slab vapor sample over a 30-minute period. The sample was collected in a laboratory-prepared 6-liter Summa canister with a flow regulator calibrated for 30-minute collection. The sub-slab vapor monitoring point was left in place in the event future sampling is warranted.

Air Sampling: Indoor air sample AI-1 was collected in accordance with the WDNR guidance document "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin"

(RR-800). The sample was collected in a laboratory-prepared 6-liter Summa canister with flow regulator calibrated for 8-hour collection. A second air sample (OA-1) was collected from outdoors to evaluate background air conditions. Each Summa canister was placed at a secure location in the breathing zone, and the valve opened. The valve was closed at the end of the 8-hour sampling period.

The sub-slab vapor sample, indoor, and outdoor samples collected within the Summa canisters were submitted to the laboratory for analysis of VOCs using EPA Method TO-15.

## **4.0 SITE INVESTIGATION RESULTS AND DISCUSSION**

### **4.1 Site Geology and Hydrogeology**

Fill material was observed at each of the borings from the ground surface to depths ranging from 4 to 6 feet bgs. The fill material consisted of varying amounts of sand, silt, and gravel. The underlying native soil consisted of stiff silt and clay to a depth of approximately 15 feet bgs, the maximum depth explored onsite.

During the previous investigation, temporary groundwater monitoring well MW-1 was installed to a depth of 15 feet bgs and water did not accumulate, but it is unclear how long the well was left in place before being abandoned. The prepacked temporary well MW-2 was installed to a depth of approximately 12 feet bgs, and although the well could be purged dry, sufficient water accumulated for sampling. The depth to groundwater at MW-2 during the November sampling event was 7.19 feet below the top of the well casing.

### **4.2 Soil Analytical Data**

The WDNR has established guidance for the calculation of soil RCLs for direct-contact exposure and the protection of groundwater. The guidance document, *Soil Residual Contaminant Level Determinations using the US EPA Regional Screening Level Web Calculator*, PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated June 2018) was used to establish RCLs for this site.

Based on the previous investigations, one area of contaminated soil was identified. EPS collected five soil samples for VOC analysis during its 2020 investigation on the site. One sample (GP-3 (6")) contained PCE at a concentration above its soil to groundwater pathway RCL. No other chlorinated VOCs (CVOCs) were detected at concentrations above their analytical LODs. One petroleum VOC, toluene, was detected at a concentration above its LOD but below its RCLs. The soil samples collected by EPS did not contain PAHs at concentrations above their LODs. The EPS SI results indicated that a release associated with the former naphtha usage and heating oil

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AST is not present at the site. The subsequent SI was conducted to further delineated soil CVOC concentrations.

Three of the four samples collected during this SI contained one or more CVOCs at concentrations above their soil to groundwater pathway RCL. PCE was detected above its soil to groundwater pathway RCL in both samples collected from boring P-1, and the shallow sample from boring P-2. Cis-1,2-Dichloroethene and trichloroethene (TCE) were also detected at concentrations above their soil to groundwater pathway RCLs in P-1 (7'). P-2 (15') did not contain CVOCs at concentrations above their LODs. The extent of the soil contamination appears to extend laterally beneath the building and is defined to the north by boring GP-4 and to the south by borings GP-1 and GP-2, but not to the east and west.

Laboratory detections in the soil samples collected during this SI and the previous investigation are summarized in Table 1, Appendix B. Concentrations that exceed RCLs during the investigations are depicted on Exhibit 4, Appendix A. Laboratory reports and the chain of custody (COC) forms are included in Appendix E.

### 4.3 Groundwater Analytical Data

The WDNR has established groundwater quality standards, which are set forth in NR 140, WAC. For each regulated compound, two standards have been established, the enforcement standard (ES) and the preventive action limit (PAL). In general, if the regulated contaminant exceeds the PAL, but is below the ES, the WDNR may require additional investigation/continued monitoring. If the regulated contaminant is above its ES, the WDNR may require additional investigation, continued monitoring, and/or remediation.

Chloromethane, cis-1,2-dichloroethene, and TCE were the only compounds detected in groundwater monitoring well MW-2 at concentrations above their analytical LODs. The only NR 140, WAC, exceedance during the November 2020 sampling event was TCE at a concentration of 11.7 micrograms per liter (ug/L), which is above its NR 140, WAC, ES of 5 ug/L.

Laboratory detections in the groundwater samples collected during the investigation are summarized in Table 2, Appendix B. The laboratory report and the COC form for the groundwater samples are included in Appendix E.

### 4.4 Vapor Data

The WDNR prepared the document titled *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin*, (pub-RR-800) dated January 2018 as guidance to identify conditions and assess potential vapor intrusion pathways. The WDNR uses indoor vapor action levels (VALs) based on USEPA screening level tables, applying a  $1 \times 10^{-5}$  excess lifetime cancer risk.

Terracon compared the sub-slab and soil gas analytical results to the EPA Regional Screening Level Indoor Air Vapor Action Levels for Various VOCs (June 2017) from the website [http://www.epa.gov/reg3hwmd/risk/human/rb-concentration\\_tables/index.htm](http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_tables/index.htm), as summarized in [WDNR's online summary table](#). VRSLs were calculated by applying an attenuation factor of 0.03 (for sub-slab vapor and soil gas) to the VALs for comparison with the analytical results based on the WDNR guidance document, utilizing the residential/small commercial building standards. An attenuation factor of 0.01 (for sub-slab vapor and soil gas) was used to compute VRSLs for large commercial/industrial buildings. Indoor and outdoor air sample analytical results were compared to the VALs. Several of the detected constituents were not listed in WDNR's VAL/VRSL summary table. Terracon calculated VALs and VRSLs for these constituents in accordance with WDNR guidance using the USEPA's Regional Screening Level spreadsheets.

The sub-slab vapor sample point (SS-1) contained multiple VOCs at concentrations above their analytical LODs. The sample did not contain VOCs at concentrations above their VRSLs.

The indoor air sample (IA-1) and outdoor air sample (OA-1) each contained one or more VOCs at concentrations above their analytical LOD; however, the samples did not contain VOCs at concentrations above their small commercial VALs.

The vapor sample results collected during the investigation are summarized in Table 3, Appendix B. The laboratory report and the COC form for the groundwater samples are included in Appendix E.

## **5.0 SUMMARY OF FINDINGS AND RECOMMENDATIONS**

Soil samples from borings P-1 and P-2 contained one or more CVOCs at concentrations above their soil to groundwater pathway RCLs. The extent of soil contamination is defined to the north and south inside the building, but not to the east and west. The groundwater sample from monitoring well MW-2 contained PCE at a concentration above its ES. Sub-slab vapor sample SS-1 did not contain VOCs at concentrations above their VRSLs for small commercial buildings, and indoor air sample IA-1 did not contain VOCs at concentrations above their small commercial building VALs. The vapor sampling results indicate the detected soil and groundwater VOC concentrations are not affecting indoor air quality.

Based on the results from the site investigation, the WDNR will require additional investigation to define the extent of contamination. Terracon recommends the following:

- Collection of soil samples to further evaluate the extent of soil contamination;
- Installation of two NR 140, WAC-compliant groundwater monitoring wells to evaluate groundwater flow at the site; and
- Collection of one round of groundwater samples from the new and existing groundwater monitoring wells to evaluate the extent of groundwater contamination.

## **6.0 PROPOSED WORK PLAN**

Terracon has prepared this proposed work plan to implement the above recommendations to further evaluate soil and groundwater conditions on the site. We are not requesting a fee-based review of the work plan. The work plan includes the installation of a pre-packed groundwater monitoring well. Terracon, on behalf of 757 Properties, LLC, requests an exemption from NR 141, WAC to install the pre-packed groundwater monitoring well.

### **6.1 Investigation Scoping**

Terracon utilized the site scoping criteria of NR 716.07, WAC to develop a scope for this phase of investigation. The results of the scoping criteria evaluation are unchanged from those described in Section 2.2 of this report, with the exception of the following:

Contaminant Types [NR 716.07(2)] – The historical use of the property included dry cleaning operations, and a heating oil AST was present inside the building.

Based on the historical property usage, potential contaminants of interest included VOCs and PAHs. Soil samples from the initial phase of investigation did not detect PAHs at concentrations above their LODs. The next phase of investigation included analysis of soil, groundwater, and vapor samples for VOCs. Analysis of environmental media samples from dry cleaners has typically been limited to VOCs. The WDNR has recently focused additional attention on site investigation scoping to evaluate the potential presence of emerging contaminants, including issuing a December 16, 2020 letter to responsible parties for all open WDNR cases. The WDNR guidance document “Site Investigation Scoping: Identifying Contaminants of Concern” lists the following contaminants as potentially present at a dry cleaner: VOCs, 1,4-dioxane, per- and polyfluoroalkyl substances (PFAS), and n-nonane:

- Based on the presence of VOCs in the previous samples, samples collected during this phase of investigation will be analyzed for VOCs.
- The site history and investigation analytical results do not indicate that solvents associated with 1,4-dioxane (trichloroethene and 1,1,1-trichloroethane) were used at the site.
- PFAS has been used in a wide range of consumer products, including waterproofing and stain resisting agents. The dry cleaner appears to have provided retail cleaning services for clothing and not commercial accounts or carpet cleaning and ceased operation in 1997, suggesting that PFAS is not likely present. However, due to the increase in focus on this contaminant by the WDNR, soil samples collected during this phase of investigation will be analyzed for PFAS. Future groundwater samples may be analyzed for PFAS, based on the soil PFAS results.
- With respect to n-nonane, the WDNR guidance document states “When investigating discharges of mineral spirits and Stoddard solvent, analysis for n-nonane is recommended to determine the degree and extent of contamination. Upon request, some laboratories

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will report n-nonane in their VOC analysis.” Terracon contacted two national laboratories with WDNR-certification, and neither offers n-nonane analysis as part of their WDNR laboratory certification for VOC analysis. The project laboratory, Pace Laboratories, can check for the presence/absence of n-nonane through a library search of the sample chromatograms, but cannot provide a quantitative result. Because n-nonane cannot be quantified by a WDNR-certified laboratory, analysis for n-nonane is not recommended at this time.

Access [NR 716.07(6)] – The east and west extent of contamination inside the building is not defined. Sampling activities outside the building footprint are required to evaluate the extent of contamination to the east and west. According to the Kenosha County Land Information System and as depicted on Exhibit 2, Appendix A, the west adjoining parcel is a parking lot owned by the City of Kenosha, and the east adjoining parcel is an alley. Terracon contacted the City of Kenosha Public Works Department to clarify the property boundaries and obtain information for access to city-owned property and right-of-way. The city representative indicated the alley has been vacated by the city, is accessible to the adjacent property owners, and does not require a city permit for access. The city representative also indicated that it appeared the west wall of this area of the building is located along the west property boundary. In addition, the city representative indicated it is city policy to not grant access for environmental sampling on city-owned property and would not grant access in this case due to the new pavement of the parking lot. Based on this information, sampling can be conducted east of the building, but not to the west. The west extent of contamination cannot be further delineated at this time.

## 6.2 Health and Safety Plan

Terracon is committed to the safety of all its employees. As such, and in accordance with our *Incident and Injury Free*® safety goals, Terracon will review and, if needed, update the safety plan to be used by our personnel during field services. Prior to commencement of on-site activities, Terracon will hold a brief health and safety meeting to review health and safety needs for this specific project. At this time, we anticipate performing fieldwork in a United States Environmental Protection Agency (USEPA) Level D work uniform consisting of hard hats, safety glasses, protective gloves, and steel-toed boots. It may become necessary to upgrade this level of protection, at additional cost, during sampling activities in the event that we encounter petroleum or chemical constituents in soils or groundwater that present an increased risk for personal exposure.

## 6.3 Locate Utilities in Work Area

In an effort to locate utilities in each work area, Terracon will review any site plans provided to us and will contact Diggers Hotline. To the extent practicable, the locations and depths of the various utilities will be identified to avoid damage to such utilities. A private utility locating firm will be subcontracted to locate private utilities in the areas where the borings are proposed.

## **6.4 Soil Borings**

Terracon will advance two direct-push soil borings (P-4 and P-5). One boring will be advanced in the vacated alley east of the building, and one boring will be advanced in the southern portion of the building, south of the interior fire door. The proposed boring locations are depicted on Exhibit 3, Appendix A.

Based on the previous investigations, soil consisted of up to 6 feet of fill overlying clay soil. Soil moisture varied within the sand layer, from moist to saturated. Temporary groundwater monitoring well MW-1 was installed to a depth of 15 feet bgs and water did not accumulate, but it is unclear how long the well was left in place before being abandoned. Monitoring well MW-2 was installed to a depth of approximately 12 feet bgs, and sufficient water accumulated for sampling. The borings will be advanced to a depth of 12 feet bgs, to the apparent water table, or to refusal, whichever is shallower. Soil samples will be collected continuously to the boring terminus. The proposed boring locations may be modified based upon the presence of utilities or if access is otherwise restricted.

Soil characteristics (e.g. texture, color) and any unusual odors or discoloration will be noted on each soil boring log. A photoionization detector (PID) will be used to field screen soil samples for VOC vapors. Two soil samples will be collected from each boring for laboratory analysis. To evaluate the potential for direct-contact risk, one soil sample will be collected from the upper 4 feet of soil exhibiting the highest PID reading or from immediately below surficial material if elevated PID readings are not present. The other soil sample will be collected from the depth below 4 feet and above the apparent soil/water interface that exhibits the highest PID reading or from immediately above the apparent soil/water interface, if elevated PID readings are not present. The soil samples will be collected in laboratory-supplied containers, placed in an ice chest to cool to approximately 4 °C, and transferred under COC protocol to a Wisconsin-certified laboratory for analysis of VOCs using USEPA Method 8260B, and the WDNR's list of 36 PFAS constituents using their method standard operating procedure (SOP) for liquid chromatography/mass spectroscopy (LC/MS) and the WDNR document "Wisconsin PFAS Aqueous (Non-Potable Water) and Non-Aqueous Matrices Method Expectations", dated December 16, 2019.

After collection of the soil samples, boring P-4 will be abandoned in accordance with NR 141, WAC. Boring P-5 will be used to install a pre-packed groundwater monitoring well as described in the following section.

## **6.5 Groundwater Monitoring Well Installation, Development, and Sampling**

Terracon will install one NR 140, WAC-compliant groundwater monitoring well (MW-3) in the vacated alley east of the building using hollow-stem auger techniques. Upon variance approval, a pre-packed, small diameter groundwater monitoring well (MW-4) will be installed in the southern

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portion of the building using direct-push drilling techniques consistent with the construction methods used to install monitoring well MW-2. Terracon, on behalf of 757 Properties, LLC, requests an exemption from NR 141, WAC to install the pre-packed groundwater monitoring well.

The proposed groundwater monitoring well locations are depicted on Exhibit 3, Appendix A; however, the location may be modified based upon the presence of utilities or if access is otherwise restricted. Because monitoring well MW-3 will be installed near direct-push boring P-4, the borehole for groundwater monitoring well MW-3 will be blind-drilled, and soil samples will not be collected from the boring for laboratory analysis. Monitoring well MW-4 will be installed in the borehole used to collect soil samples from boring P-5.

Groundwater appears to be present at approximately 6 to 10 feet bgs. Monitoring well MW-3 will be constructed to a depth of approximately 15 to 20 feet bgs with a 10- to 15-foot length of 2-inch diameter, 0.010-inch slotted PVC well screen attached to a solid PVC riser pipe. Monitoring well MW-4 will be constructed to a depth of approximately 12 to 15 feet bgs with a 10-foot length of 1-inch diameter, 0.010-inch slotted PVC well screen attached to a solid PVC riser pipe. To construct groundwater monitoring well MW-3, the well screen and riser will be placed in the borehole, and a sand filter pack will be placed around the screen to a depth of approximately 2 feet above the top of the screen. The remainder of the borehole will be filled with bentonite to near the ground surface. To allow the use of low-profile drilling equipment, groundwater monitoring well MW-4 will be a pre-packed well consisting of a 1-inch diameter PVC well screen surrounded by a stainless-steel mesh. Sand is placed between the mesh and PVC well screen above ground, and the well is lowered as a unit into the open borehole. A flush-mount well protector will be installed in concrete at the ground surface of each monitoring well.

The top of each monitoring well casing will be surveyed to a benchmark by Terracon.

Following installation, the groundwater monitoring wells will be developed with a disposable bailer per NR 141, WAC no sooner than a week after construction.

Not sooner than one week following well development, a groundwater sample will be collected from groundwater monitoring wells MW-2, MW-3, and MW-4. Prior to sampling, the static water level will be measured at each groundwater monitoring well. A groundwater sample will be collected from the monitoring wells and submitted for laboratory analysis. The groundwater samples will be collected using low-flow sampling methods to reduce the potential for sample turbidity that might bias the results. Terracon will purge each monitoring well prior to sampling using a low-flow pump and dedicated tubing. Natural attenuation field parameters such as dissolved oxygen (DO), oxidation-reduction potential (ORP), specific conductance, pH, and temperature will be measured using a water quality meter with a flow-through cell until stable readings are observed for each of the parameters. Generally, a goal of three consecutive readings within 10% taken a minimum of five minutes apart during purging is indicative that groundwater in the well has stabilized. Upon stabilization, a groundwater sample will be collected from the

## Status Report and Work Plan

Rosselli Dry Cleaning (FMR) ■ Kenosha, Wisconsin

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monitoring well. The groundwater samples will be collected in laboratory-supplied containers, placed in an ice chest to cool to approximately 4°C, and transferred under COC protocol to a Wisconsin-certified laboratory for analysis of VOCs using USEPA Method 8260B. A trip blank will also be submitted for VOC laboratory analysis.

### 6.6 Investigation-Derived Waste Disposal

Purge water and soil cuttings will be placed in labeled, 55-gallon drums and temporarily stored on site pending disposal at a licensed facility.

### 6.7 Reporting

Following receipt of the analytical results, Terracon will provide a summary of the results to 757 Properties, LLC and discuss the appropriate next step in the site investigation

## 7.0 GENERAL COMMENTS SCOPE AND REPORT LIMITATIONS

The analysis and opinions expressed in this report are based upon data obtained during this investigation and laboratory chemical analyses at the indicated locations discussed in this report. This report does not reflect variations in subsurface stratigraphy, hydrogeology, and contaminant distribution that may occur across the site. Actual subsurface conditions may vary and may not become evident without further investigation.

This report is prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted environmental engineering practices. No warranties, express or implied are intended or made. In the event any changes in the nature or location of suspected sources of contamination as outlined in this report are observed, the conclusions and recommendations contained in this report shall not be valid unless these changes are reviewed and the opinions of this report are modified or verified in writing by Terracon.

### 7.1 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report.

## Status Report and Work Plan

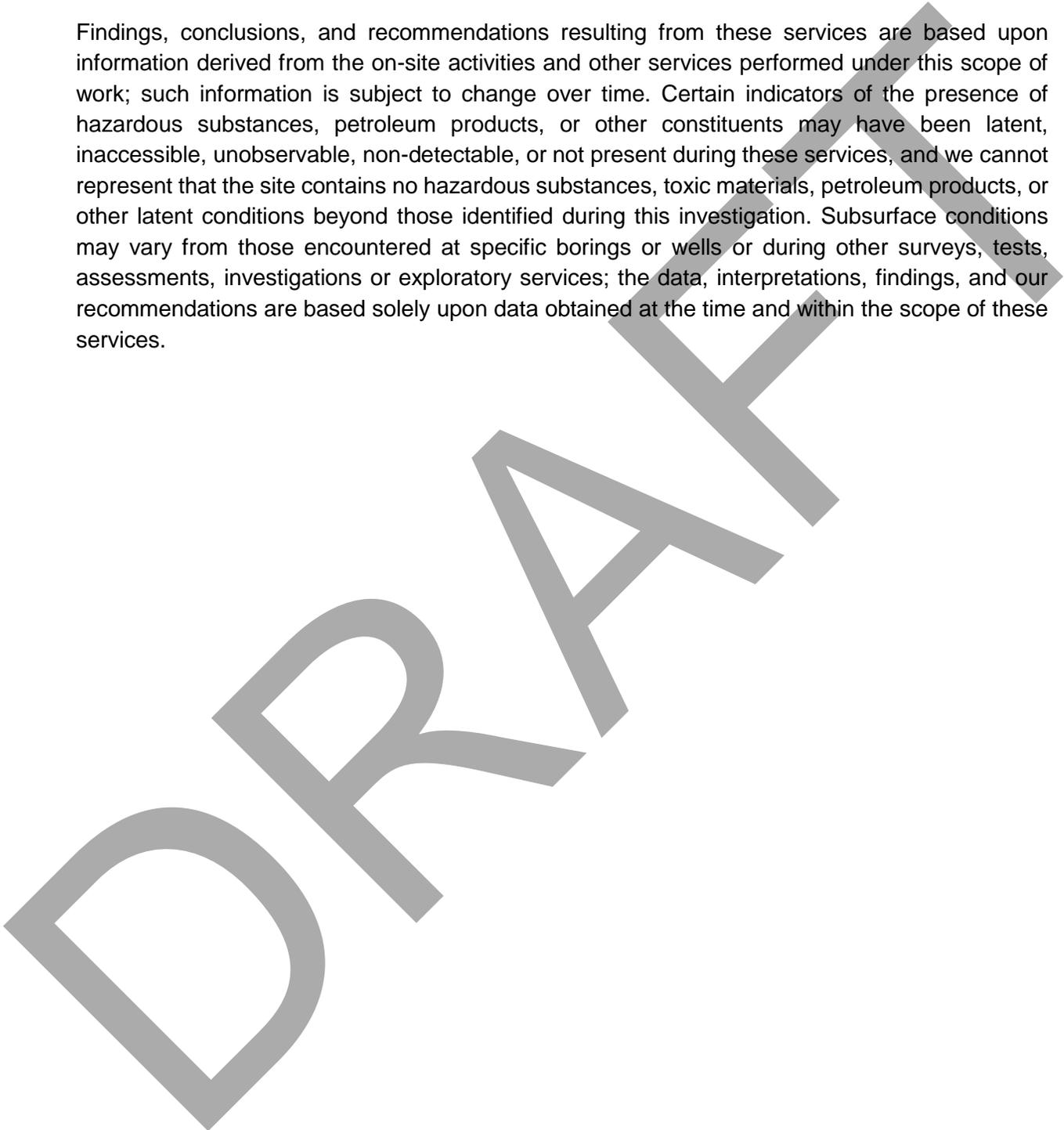
Rosselli Dry Cleaning (FMR) ■ Kenosha, Wisconsin

January 18, 2020 ■ Terracon Project No. 58207200



## 7.2 Additional Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable, or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this investigation. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.



**Status Report and Work Plan**

Rosselli Dry Cleaning (FMR) ■ Kenosha, Wisconsin

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**8.0 CERTIFICATIONS**

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

\_\_\_\_\_  
Signature and P.E. number

Project Engineer  
Title

I, Timothy P. Welch, P.G., 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.

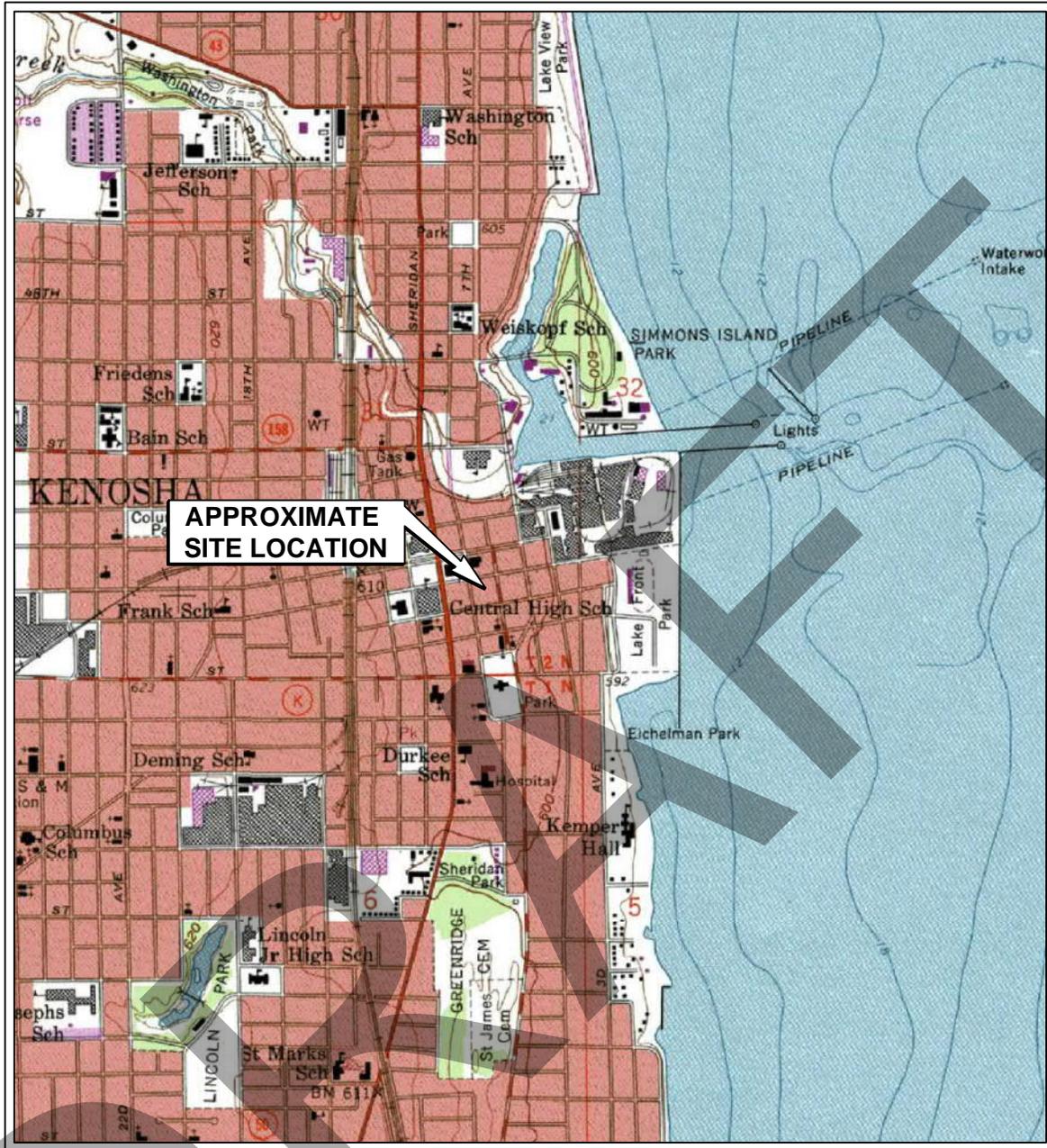
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Signature and P.G. number

Project Geologist  
Title

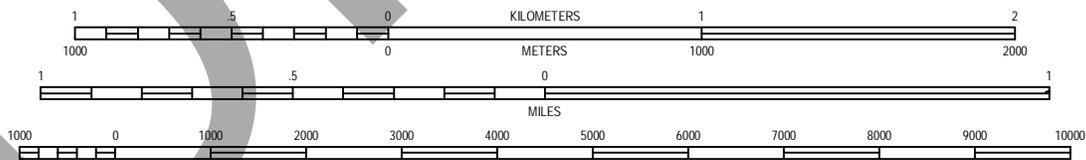
**DRAFT**

**APPENDIX A**

**EXHIBITS**



SCALE 1:24 000



CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

KENOSHA QUADRANGLE  
KENOSHA COUNTY ~ WISCONSIN

1994

7.5 MINUTE SERIES (TOPOGRAPHIC)

DIAGRAM IS FOR GENERAL LOCATION ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

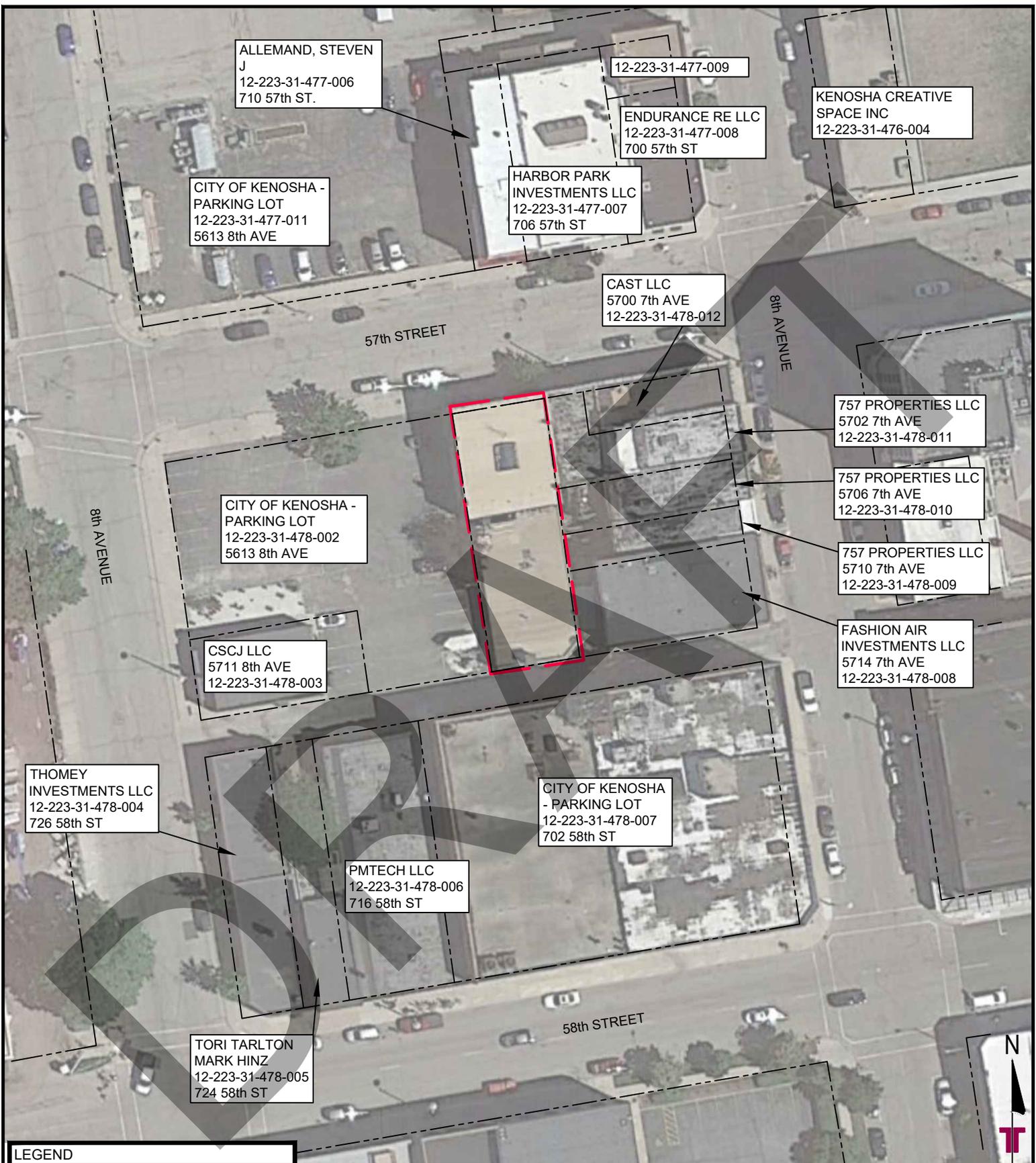
Project Mngr:	KLK
Project No:	58207200
Drawn By:	PJS
Scale:	AS SHOWN
Checked By:	KLK
File No.:	58207200
Approved By:	EAB
Date:	11/2020

**Terracon**  
Consulting Engineers and Scientists

9856 SOUTH 57th STREET FRANKLIN, WI 53132  
PH. (414) 423-0255 FAX. (414) 423-0566

TOPOGRAPHIC MAP
ROSSELLI DRY CLEANERS 715 57TH STREET KENOSHA, WISCONSIN

EXHIBIT
1
(EX1 TOPO)



ALLEMAND, STEVEN  
J  
12-223-31-477-006  
710 57th ST.

12-223-31-477-009

ENDURANCE RE LLC  
12-223-31-477-008  
700 57th ST

KENOSHA CREATIVE  
SPACE INC  
12-223-31-476-004

CITY OF KENOSHA -  
PARKING LOT  
12-223-31-477-011  
5613 8th AVE

HARBOR PARK  
INVESTMENTS LLC  
12-223-31-477-007  
706 57th ST

CAST LLC  
5700 7th AVE  
12-223-31-478-012

757 PROPERTIES LLC  
5702 7th AVE  
12-223-31-478-011

757 PROPERTIES LLC  
5706 7th AVE  
12-223-31-478-010

757 PROPERTIES LLC  
5710 7th AVE  
12-223-31-478-009

FASHION AIR  
INVESTMENTS LLC  
5714 7th AVE  
12-223-31-478-008

CITY OF KENOSHA -  
PARKING LOT  
12-223-31-478-002  
5613 8th AVE

CSCJ LLC  
5711 8th AVE  
12-223-31-478-003

THOMEY  
INVESTMENTS LLC  
12-223-31-478-004  
726 58th ST

CITY OF KENOSHA  
- PARKING LOT  
12-223-31-478-007  
702 58th ST

PMTECH LLC  
12-223-31-478-006  
716 58th ST

TORI TARLTON  
MARK HINZ  
12-223-31-478-005  
724 58th ST

LEGEND	
	APPROXIMATE SITE BOUNDARIES
	APPROXIMATE PARCEL BOUNDARIES

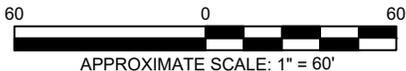


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	KLK	Project No.	58207200
Drawn By:	JLM (41)	Scale:	AS SHOWN
Checked By:	KLK	File No.	58207200C1
Approved By:	BRS	Date:	12/2020

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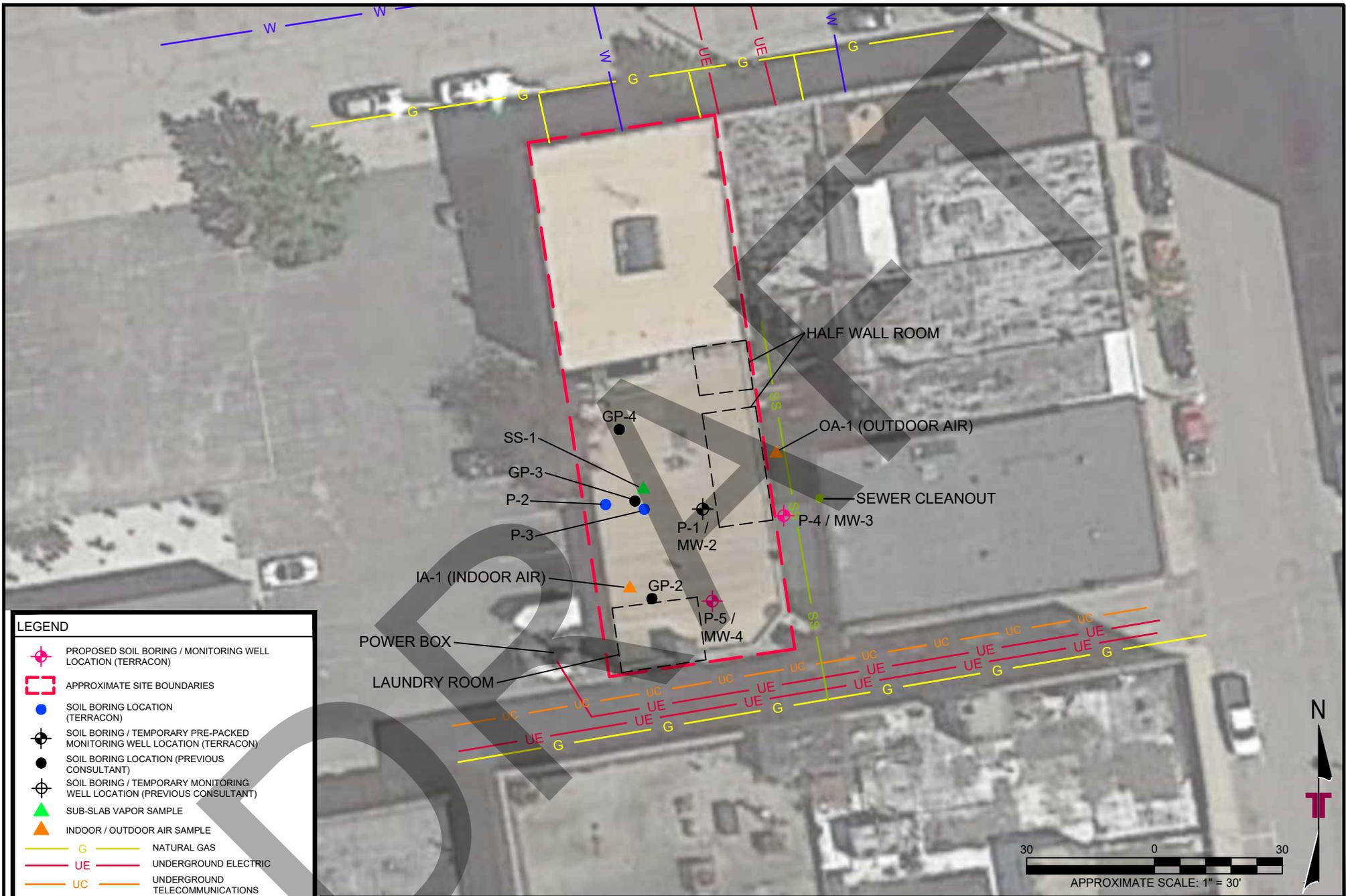
SITE AND VICINITY MAP

ROSSELLI DRY CLEANERS  
715 57th STREET  
KENOSHA, WISCONSIN

EXHIBIT

2

(EX2.9A)



LEGEND	
	PROPOSED SOIL BORING / MONITORING WELL LOCATION (TERRACON)
	APPROXIMATE SITE BOUNDARIES
	SOIL BORING LOCATION (TERRACON)
	SOIL BORING / TEMPORARY PRE-PACKED MONITORING WELL LOCATION (TERRACON)
	SOIL BORING LOCATION (PREVIOUS CONSULTANT)
	SOIL BORING / TEMPORARY MONITORING WELL LOCATION (PREVIOUS CONSULTANT)
	SUB-SLAB VAPOR SAMPLE
	INDOOR / OUTDOOR AIR SAMPLE
	G NATURAL GAS
	UE UNDERGROUND ELECTRIC
	UC UNDERGROUND TELECOMMUNICATIONS
	W PRIVATE OR OLD UNKNOWN UTILITY WATER
	SS SANITARY SEWER

IMAGE SOURCE: GOOGLE EARTH PRO  
 DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	KLK	Project No.	58207200
Drawn By:	PJS	Scale:	AS SHOWN
Checked By:	KLK	File No.	58207200
Approved By:	EAB	Date:	12/2020

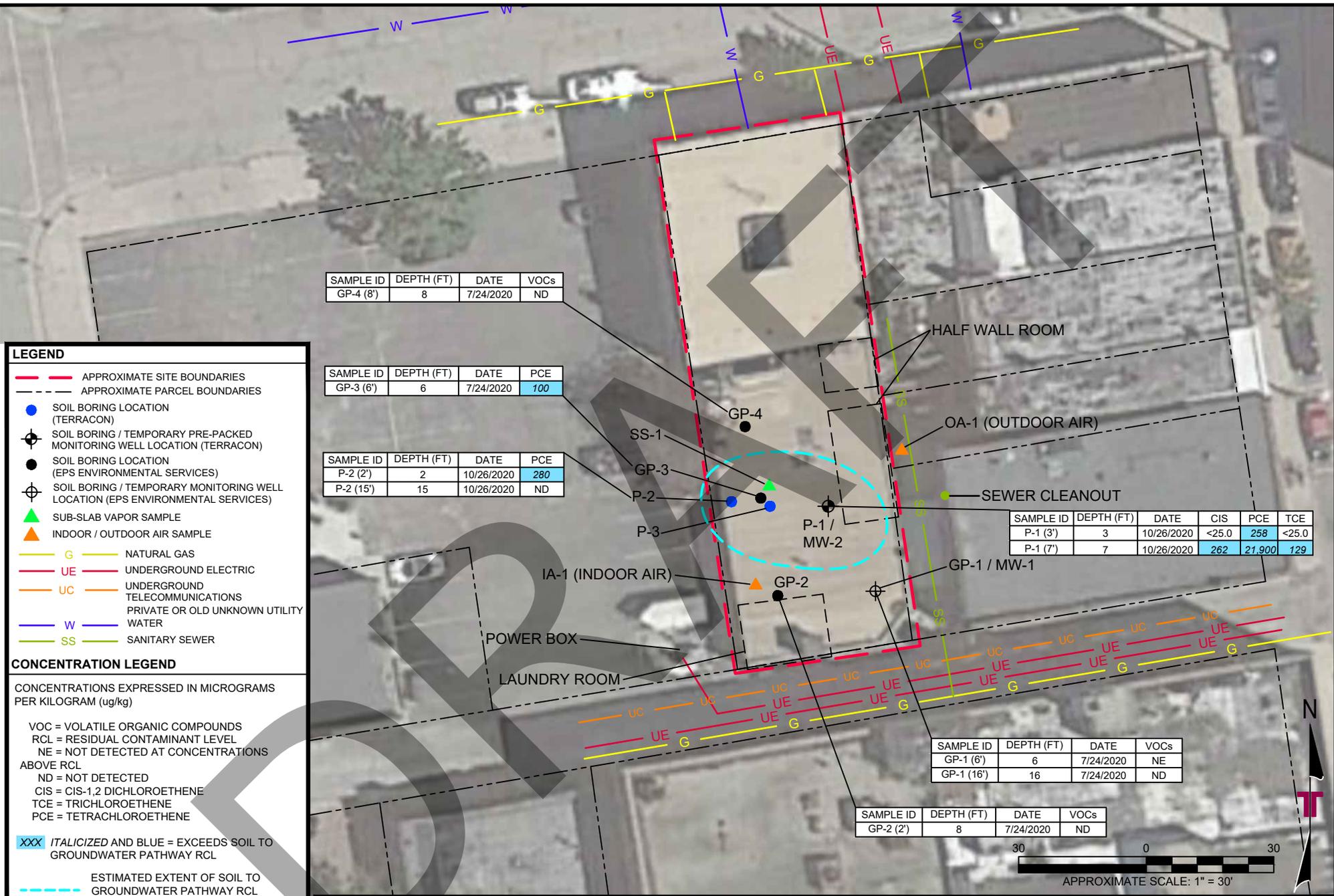
**Terracon**  
 Consulting Engineers and Scientists

9856 SOUTH 57th STREET FRANKLIN, WI 53132  
 PH. (414) 423-0255 FAX. (414) 423-0566

<b>SITE DIAGRAM</b>
ROSELLI DRY CLEANERS 715 57TH STREET KENOSHA, WISCONSIN

<b>EXHIBIT</b>
3





**LEGEND**

- APPROXIMATE SITE BOUNDARIES
- - - APPROXIMATE PARCEL BOUNDARIES
- SOIL BORING LOCATION (TERRACON)
- ⊕ SOIL BORING / TEMPORARY PRE-PACKED MONITORING WELL LOCATION (TERRACON)
- SOIL BORING LOCATION (EPS ENVIRONMENTAL SERVICES)
- ⊕ SOIL BORING / TEMPORARY MONITORING WELL LOCATION (EPS ENVIRONMENTAL SERVICES)
- ▲ SUB-SLAB VAPOR SAMPLE
- ▲ INDOOR / OUTDOOR AIR SAMPLE
- G NATURAL GAS
- UE UNDERGROUND ELECTRIC
- UC UNDERGROUND TELECOMMUNICATIONS PRIVATE OR OLD UNKNOWN UTILITY
- W WATER
- SS SANITARY SEWER

**CONCENTRATION LEGEND**

CONCENTRATIONS EXPRESSED IN MICROGRAMS PER KILOGRAM (ug/kg)

VOG = VOLATILE ORGANIC COMPOUNDS  
 RCL = RESIDUAL CONTAMINANT LEVEL  
 NE = NOT DETECTED AT CONCENTRATIONS ABOVE RCL  
 ND = NOT DETECTED  
 CIS = CIS-1,2 DICHLOROETHENE  
 TCE = TRICHLOROETHENE  
 PCE = TETRACHLOROETHENE

**XXX** ITALICIZED AND BLUE = EXCEEDS SOIL TO GROUNDWATER PATHWAY RCL

ESTIMATED EXTENT OF SOIL TO GROUNDWATER PATHWAY RCL EXCEEDENCE

NOTE: VOCs WERE NOT DETECTED OR NOT PRESENT AT CONCENTRATIONS ABOVE RCLs FROM DEPICTED BORINGS UNLESS OTHERWISE INDICATED.

IMAGE SOURCE: GOOGLE EARTH PRO  
 DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

SAMPLE ID	DEPTH (FT)	DATE	VOCs
GP-4 (8')	8	7/24/2020	ND

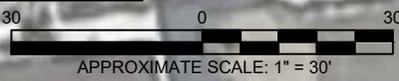
SAMPLE ID	DEPTH (FT)	DATE	PCE
GP-3 (6')	6	7/24/2020	100

SAMPLE ID	DEPTH (FT)	DATE	PCE
P-2 (2')	2	10/26/2020	280
P-2 (15')	15	10/26/2020	ND

SAMPLE ID	DEPTH (FT)	DATE	CIS	PCE	TCE
P-1 (3')	3	10/26/2020	<25.0	258	<25.0
P-1 (7')	7	10/26/2020	262	21,900	129

SAMPLE ID	DEPTH (FT)	DATE	VOCs
GP-1 (6')	6	7/24/2020	NE
GP-1 (16')	16	7/24/2020	ND

SAMPLE ID	DEPTH (FT)	DATE	VOCs
GP-2 (2')	8	7/24/2020	ND



Project Mngr:	KLK	Project No.	58207200
Drawn By:	PJS	Scale:	AS SHOWN
Checked By:	KLK	File No.	58207200
Approved By:	EAB	Date:	12/2020

**Terracon**  
 Consulting Engineers and Scientists

9856 SOUTH 57th STREET FRANKLIN, WI 53132  
 PH. (414) 423-0255 FAX. (414) 423-0566

**SOIL CONTAMINATION MAP**

ROSSELLI DRY CLEANERS  
 715 57TH STREET  
 KENOSHA, WISCONSIN

**EXHIBIT**

4

**DRAFT**

**APPENDIX B**

**TABLES**

**Table 1  
Soil Analytical Test Results Summary  
Detected Compounds Only**

**Rosselli Dry Cleaning (FMR)  
715 57th Street #101  
Kenosha, Wisconsin  
Terracon Project No. 58207200**

Boring ID	Sample Depth (feet)	Saturated / Unsaturated	Sample Date	PID (ppmv)	VOCs (µg/kg)			
					cis- 1,2- Dichloroethene	Tetrachloroethene	Toluene	Trichloroethene
Direct Contact Non-Industrial RCL <sup>1</sup>					<b>156,000</b>	<b>33,000</b>	<b>818,000</b>	<b>1,300</b>
Direct Contact Industrial RCL <sup>2</sup>					<u>2,340,000</u>	<u>145,000</u>	<u>818,000</u>	<u>8,410</u>
Soil to Groundwater Pathway RCL <sup>3</sup>					<i>41.2</i>	<i>4.5</i>	<i>1,107.2</i>	<i>3.6</i>
<b>EPS Environmental Services, Inc. Phase II Site Assessment, 2020</b>								
GP-1 (6')	6	Unsaturated	7/24/2020	208.6	<4.9	<4.9	4.9	<4.9
GP-1 (16')	16	Unsaturated	7/24/2020	<1	<3.8	<3.8	<3.8	<3.8
GP-2 (8')	8	Unsaturated	7/24/2020	<1	<4.1	<4.1	<4.1	<4.1
GP-3 (6')	6	Unsaturated	7/24/2020	<1	<4.8	<b>100</b>	<4.8	<4.8
GP-4 (8')	8	Unsaturated	7/24/2020	<1	<4.4	<4.4	<4.4	<4.4
<b>Terracon Consultants Site Investigation, 2020</b>								
P-1 (3')	3	Unsaturated	10/26/2020	<1	<25.0	<b>258</b>	<25.0	<25.0
P-1 (7')	7	Unsaturated	10/26/2020	<1	<b>262</b>	<b>21,900</b>	<50.0	<b>129</b>
P-2 (2')	2	Unsaturated	10/26/2020	1.2	<25.0	<b>280</b>	<25.0	<25.0
P-2 (15')	15	Unsaturated	10/26/2020	1.1	<25.0	<38.7	<38.7	<25.0

**Notes:**

VOCs = Volatile Organic Compounds, Analyzed using United States Environmental Protection Agency (USEPA) 8260B

PID = Photoionization Detector

ppmv = parts per million by volume

µg/kg = micrograms per kilogram

<sup>1</sup> Non-Industrial Residual Contaminant Levels (RCLs) for Direct Contact per Soil Residual Contaminant Level Determinations Using the USEPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (WDNR spreadsheet input parameters updated December 2018).

<sup>2</sup> Industrial RCLs for Direct Contact per Soil Residual Contaminant Level Determinations Using the USEPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (WDNR spreadsheet input parameters updated December 2018).

<sup>3</sup> Protection of Groundwater RCLs per Soil Residual Contaminant Level Determinations Using the USEPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (WDNR spreadsheet input parameters updated December 2018).

**XX.XX** Bold and brown = Exceeds Non-Industrial Direct Contact RCL

XX.XX Underlined and pink = Exceeds Industrial Direct Contact RCL

*XX.XX* Italicized and blue = Exceeds Soil to Groundwater Pathway RCL

**Table 2  
Groundwater Analytical Test Results Summary  
Detected Compounds Only**

**Rosselli Dry Cleaning (FMR)  
715 57th Street #101  
Kenosha, Wisconsin  
Terracon Project No. 58207200**

Sample ID	Sample Date	VOC (ug/L)		
		Chloromethane	cis-1,2-Dichloroethene	Tetrachloroethene
MW-2	11/10/2020	2.6	1.4	11.7
<b>NR 140 WAC, PAL<sup>1</sup></b>		<b>3.0</b>	<b>7</b>	<b>0.5</b>
<b>NR 140 WAC, ES<sup>2</sup></b>		<b>30</b>	<b>70</b>	<b>5</b>

**Notes:**

VOC = Volatile Organic Compounds

Results expressed in micrograms per liter (ug/L)

<sup>1</sup>NR 140, Wisconsin Administrative Code, (WAC) Preventive Action Limit (PAL), Register, February 2017

<sup>2</sup>NR 140, WAC, Enforcement Standard (ES), Register, February 2017

<b>XX.XX</b>	Exceeds NR 140 PAL
<b>XX.XX</b>	Exceeds NR 140 ES
NE	No Established Standard

**Table 3  
Vapor Analytical Test Results Summary**

**Rosselli Dry Cleaning (FMR)  
715 57th Street #101  
Kenosha, Wisconsin  
Terracon Project No. 58207200**

Sample ID	Sample Date	Sample Type	Volatile Organic Compounds (VOCs) µg/m <sup>3</sup> (EPA Method TO-15)																								
			Acetone	Benzene	Carbon Disulfide	Carbon Tetrachloride	Chloromethane	Cyclohexane	Dichlorodifluoromethane	Ethanol	Ethylbenzene	n-Heptane	n-Hexane	Methylene Chloride	Naphthalene	2-Propanol	Styrene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichlorotrifluoroethane	1,2,4-Trimethylbenzene	m&p-Xylene	o-Xylene	
<b>Terracon Site Investigation, 2020</b>																											
SS-1	9/29/2020	Soil Gas	9.0	0.39	5.2	0.34	0.53	1.3	2.1	13.9	1.1	0.5	2.0	15	3.2	6.3	7.6	1,150	3.3	0.94	0.6	1.2	0.49	0.91	3.4	1.3	
IA-1	9/29/2020	Indoor Air	44.7	0.36	<0.30	<0.23	0.48	<0.35	2.0	210	<0.28	0.4	0.43	2.7	<1.9	<b>356</b>	<0.57	13.8	1.2	<0.21	<b>2.1</b>	1.3	0.47	<0.63	0.82	<0.30	
OA-1	9/29/2020	Outdoor Air	13.2	<0.18	<0.27	<0.20	0.77	<0.32	2.4	11.5	0.41	0.43	2.6	27.5	<1.7	<1.2	<0.51	<0.40	3.0	<0.19	0.48	1.4	0.52	<0.56	1.8	0.6	
Residential Indoor Air VAL <sup>1</sup>			<b>32,200</b>	<b>3.6</b>	<b>730</b>	<b>1.2</b>	<b>94</b>	<b>6,260</b>	<b>100</b>	NE	<b>11</b>	<b>417</b>	<b>730</b>	<b>630</b>	<b>0.83</b>	<b>209</b>	<b>1,040</b>	<b>42</b>	<b>5,200</b>	<b>5,200</b>	<b>2.1</b>	NE	NE	<b>63</b>	<b>100</b>	<b>100</b>	
Residential Sub-slab Vapor/Soil Gas VRSL <sup>2</sup>			<b>1,073,333</b>	<b>120</b>	<b>24,333</b>	<b>40</b>	<b>3,100</b>	<b>208,667</b>	<b>3,300</b>	NE	<b>370</b>	<b>13,900</b>	<b>24,333</b>	<b>21,000</b>	<b>28</b>	<b>6,950</b>	<b>34,800</b>	<b>1,400</b>	<b>170,000</b>	<b>170,000</b>	<b>70</b>	NE	NE	<b>2,100</b>	<b>3,300</b>	<b>3,300</b>	
Small Commercial Building Indoor Air VAL <sup>1</sup>			<i>135,000</i>	<i>16</i>	<i>3,070</i>	<i>5.3</i>	<i>390</i>	<i>26,300</i>	<i>440</i>	NE	<i>49</i>	<i>1,750</i>	<i>3,070</i>	<i>2,600</i>	<i>3.6</i>	<i>876</i>	<i>4,380</i>	<i>180</i>	<i>22,000</i>	<i>22,000</i>	<i>8.8</i>	NE	NE	<i>260</i>	<i>440</i>	<i>440</i>	
Small Commercial Building Sub-slab Vapor/Soil Gas VRSL <sup>2</sup>			<i>4,500,000</i>	<i>530</i>	<i>102,333</i>	<i>180</i>	<i>13,000</i>	<i>876,667</i>	<i>15,000</i>	NE	<i>1,600</i>	<i>58,333</i>	<i>102,333</i>	<i>87,000</i>	<i>120</i>	<i>29,200</i>	<i>146,000</i>	<i>6,000</i>	<i>730,000</i>	<i>730,000</i>	<i>290</i>	NE	NE	<i>8,700</i>	<i>15,000</i>	<i>15,000</i>	
Large Commercial/Industrial Building Indoor Air VAL <sup>1</sup>			<i>135,000</i>	<i>16</i>	<i>3,070</i>	<i>5.3</i>	<i>390</i>	<i>26,300</i>	<i>440</i>	NE	<i>49</i>	<i>1,750</i>	<i>3,070</i>	<i>2,600</i>	<i>3.6</i>	<i>876</i>	<i>4,380</i>	<i>180</i>	<i>22,000</i>	<i>22,000</i>	<i>8.8</i>	NE	NE	<i>260</i>	<i>440</i>	<i>440</i>	
Large Commercial/Industrial Building Sub-slab Vapor/Soil Gas VRSL <sup>3</sup>			<i>13,500,000</i>	<i>1,600</i>	<i>307,000</i>	<i>530</i>	<i>39,000</i>	<i>2,630,000</i>	<i>44,000</i>	NE	<i>4,900</i>	<i>175,000</i>	<i>307,000</i>	<i>260,000</i>	<i>360</i>	<i>87,600</i>	<i>438,000</i>	<i>18,000</i>	<i>2,200,000</i>	<i>2,200,000</i>	<i>880</i>	NE	NE	<i>26,000</i>	<i>44,000</i>	<i>44,000</i>	

**NOTES:**

µg/m<sup>3</sup> = micrograms per cubic meter

VAL = Vapor Action Level

VRSL = Vapor Risk Screening Level

<sup>1</sup> VAL given as the lesser of 1:100,000 lifetime cancer risk or noncancer hazard index of 1 value in generic U.S EPA Tables at the web address: [http://www.epa.gov/reg3hwmd/risk/human/rb-concentration\\_table/Generic\\_Tables/index.htm](http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm) and modified for Wisconsin Vapor Intrusion Guidance PUB-RR-800 lifetime cancer risk (1:100,000) index.htm and modified for Wisconsin Vapor Intrusion Guidance PUB-RR-800 lifetime cancer risk (1:100,000)

<sup>2</sup> VRSL is the VAL adjusted for sub-slab vapor to indoor air by applying an attenuation factor of 0.03 (sub-slab and shallow soil gas) for comparison with the analytical results.

<sup>3</sup> VRSL is the VAL adjusted for sub-slab vapor to indoor air by applying an attenuation factor of 0.01 (sub-slab and shallow soil gas) for comparison with the analytical results.

**Bold** Values indicate exceedance of applicable residential VALs (indoor air)

**Blue Shaded Values** indicate exceedance of applicable residential VRSLs (sub-slab vapor and shallow soil gas)

**Italics** Values indicate exceedance of applicable small commercial building VALs (indoor air)

**Brown Shaded Values** indicate exceedance of applicable small commercial building VRSLs (sub-slab vapor and shallow soil gas)

**Underlined** Values indicate exceedance of applicable large commercial/industrial building VALs (indoor air)

**Pink Shaded Values** indicate exceedance of applicable large commercial/industrial building VRSLs (sub-slab vapor and shallow soil gas)

< = Not detected above listed limit of detection (LOD)

NE=No Established Standard

**APPENDIX C**

SOIL BORING LOGS, WELL DEVELOPMENT FORM, WELL/  
DRILLHOLE/ BOREHOLE FILLING & SEALING REPORTS

DRAFT

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

Facility/Project Name <b>58207200 Rosselli Dry Cleaners</b>		License/Permit/Monitoring Number		Boring Number <b>P-1</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dan Bendorf Probe Technologies</b>		Date Drilling Started <b>10/26/2020</b>		Date Drilling Completed <b>10/26/2020</b>	
Drilling Method <b>Direct Push</b>		WT Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat _____ "		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____		Long _____ "		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Kenosha</b>		County Code <b>30</b>	
		Civil Town/City/ or Village <b>Kenosha</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	48		0	Concrete				<1							
			1.5	Fill material, gravelly sand	CL-ML										
			3.0	Silty Clay, gray, medium plastic, medium stiff, small sand lenses, moist (Possible Fill)	ML			1							* Sample Submitted
2	48		4.5	Sandy Silt, dark brown, low plastic, soft, moist (Possible Fill)											
			6.0	Sand, light brown, medium grained, poorly graded, medium dense, saturated	SP			<1							
			7.5	Silty clay, gray, medium plastic. trace sand, stiff, dry	CL-ML			<1							* Sample Submitted
				End of Boring @ 8'											
				Temporary prepacked well installed to 12'											

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

Signature:	Firm: <b>Terracon Consultants, Inc.</b>	Tel: 414-423-0255
	<b>9856 South 57th Street / Franklin, Wisconsin 53132</b>	Fax: 414-423-0566

This form is authorized by Chapters 281, 283, 289, 291, 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 <b>58207200 Rosselli Dry Cleaners</b>		License/Permit/Monitoring Number		Boring Number <b>P-2</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dan Bendorf Probe Technologies</b>		Date Drilling Started <b>10/26/2020</b>		Date Drilling Completed <b>10/26/2020</b>	
Drilling Method <b>Direct Push</b>		WT Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat _____ "		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____		Long _____ "		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Kenosha</b>		County Code <b>30</b>	
		Civil Town/City/ or Village <b>Kenosha</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					P 200	RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index				
1	48		0.0 - 1.5	Concrete				<1								
			1.5 - 3.0	Fill, gravelly sand Sandy Silt, dark brown, low plastic, soft, moist, (Possible Fill)	ML			<1								* Sample Submitted
2	48		3.0 - 4.5	Sand, light brown, medium grained, poorly graded, cohesive, dense, moist (Possible Fill)	SP			<1								
			4.5 - 6.0					<1								
			6.0 - 7.5	Silty Clay, gray, medium plastic, stiff, trace sand, dry				<1								
3	48		7.5 - 9.0					<1								
			9.0 - 10.5		CL-ML			<1								
			10.5 - 12.0					<1								
4	36		12.0 - 13.5	Silt, gray, non-plastic, medium stiff, dry	ML			<1								
			13.5 - 15.0	End of Boring @ 15'				<1								* Sample Submitted

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

Signature: \_\_\_\_\_ Firm: **Terracon Consultants, Inc.** Tel: 414-423-0255  
9856 South 57th Street / Franklin, Wisconsin 53132 Fax: 414-423-0566

This form is authorized by Chapters 281, 283, 289, 291, 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 <b>58207200 Rosselli Dry Cleaners</b>		License/Permit/Monitoring Number		Boring Number <b>P-3</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dan Bendorf Probe Technologies</b>		Date Drilling Started <b>10/26/2020</b>		Date Drilling Completed <b>10/26/2020</b>	
Drilling Method <b>Direct Push</b>		WT Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat _____ "		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____		Long _____ "		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Kenosha</b>		County Code <b>30</b>	
		Civil Town/City/ or Village <b>Kenosha</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					P 200	RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index				
1	48		0	Concrete				<1								
			1.5	Fill, gravelly sand	SM			<1								
			3.0	Sandy Silt, dark brown, low plastic, soft, moist (Possible Fill)												
2	48		4.5	Sand, light brown, medium grained, poorly graded, medium dense, moist (Possible Fill)	SP			<1								* Sample Submitted
			6.0	Silty Clay, gray, medium plastic, stiff, trace sand, dry	CL-ML			<1								* Sample Submitted
			7.5	End of Boring @ 8'												

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

Signature:  Firm: **Terracon Consultants, Inc.**  
9856 South 57th Street / Franklin, Wisconsin 53132 Tel: 414-423-0255 Fax: 414-423-0566

This form is authorized by Chapters 281, 283, 289, 291, 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 <b>Rosselli Cleaners (FMR)</b>	County Name <b>Kenosha</b>	Well Name <b>MW-2</b>	
Facility License, Permit or Monitoring Number	County Code <b>30</b>	Wis. Unique Well Number	DNR Well ID 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 72 min.

4. Depth of well (from top of well casing) 11.85 ft.

5. Inside diameter of well .75 in.

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

7. Volume of water removed from well 3.0 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)

17. Additional comments on development:

Used peristaltic pump to purge. Purged dry three times and by the end water was clear.

11. Depth to Water Before Development After Development

(from top of well casing) a. 6.25 ft. 11.70 ft.

Date b. 11/03/2020 11/03/2020  
m m d d y y y y m m d d y y y y

Time c. 12:23  a.m.  p.m. 13:35  a.m.  p.m.

12. Sediment in well bottom 0.0 inches 0.0 inches

13. Water clarity Clear  10 Turbid  15 Clear  20 Turbid  25  
(Describe) Slightly turbid (Describe) 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. Well developed by: Name (first, last) and Firm

First Name: Lucas Last Name: Chabela

Firm: Terracon Consultants

Name and Address of Facility Contact/Owner/Responsible Party

First Name: James Last Name: Twomey

Facility/Firm: 757 Properties, LLC

Street: S3254 Union Avenue

City/State/Zip: La Farge, Wisconsin 54639

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

Signature: Krista Kroeninger

Print Name: Krista Kroeninger

Firm: Terracon Consultants

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information			2. Facility / Owner Information		
County <b>Kenosha</b>	WI Unique Well # of Removed Well	Hicap #	Facility Name <b>Rosselli Dry Cleaning (FMR)</b>		

Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)		
---	--	--	--------------------------	--	--

¼ / ¼	¼	Section	Township N	Range <input type="checkbox"/> E <input type="checkbox"/> W	License/Permit/Monitoring #	
-------	---	---------	---------------	---	-----------------------------	--

Well Street Address <b>715 57<sup>th</sup> Street #101</b>			Original Well Owner		
---	--	--	---------------------	--	--

Well City, Village or Town <b>Kenosha</b>		Well ZIP Code <b>53140</b>		Present Well Owner	
--	--	-------------------------------	--	--------------------	--

Subdivision Name		Lot #		Mailing Address of Present Owner	
------------------	--	-------	--	----------------------------------	--

Reason for Removal from Service <b>Soil Boring</b>		WI Unique Well # of Replacement Well		4. Pump, Liner, Screen, Casing & Sealing Material	
---	--	--------------------------------------	--	---	--

3. Filled & Sealed Well / Drillhole / Borehole Information		Original Construction Date (mm/dd/yyyy) <b>07/02/2020</b>			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		If a Well Construction Report is available, please attach.			
Construction Type:					
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>					
Formation Type:					
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock					
Total Well Depth From Ground Surface (ft.) <b>8 Feet</b>		Casing Diameter (in.) <b>NA</b>			
Lower Drillhole Diameter (in.) <b>2 inch</b>		Casing Depth (ft.) <b>NA</b>			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown					
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>			

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
If yes, was hole retopped?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)		<input type="checkbox"/> Other (Explain): _____	

Sealing Materials			
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	0.5	Surface	< 1 bag	
Bentonite Chips	8	0.5	< 1 bag	

6. Comments
-------------

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Terracon Consultants</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>10/26/2020</b>	Date Received	Noted By
Street or Route <b>9856 South 57th Street</b>			Telephone Number <b>(414) 423-0255</b>	Comments	
City <b>Franklin</b>	State <b>WI</b>	ZIP Code	Signature of Person Doing Work	Date Signed <b>12/22/2020</b>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Kenosha</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
1/4 / 1/4	1/4	Section	Township	Range	<input type="checkbox"/> E <input type="checkbox"/> W
Well Street Address <b>715 57th Street #101</b>		Well ZIP Code <b>53140</b>			
Well City, Village or Town <b>Kenosha</b>		Well ZIP Code <b>53140</b>			
Subdivision Name		Lot #		City of Present Owner	
State		ZIP Code		Original Well Owner	
Present Well Owner		Mailing Address of Present Owner			

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

Reason for Removal from Service <b>Soil Boring</b>		WI Unique Well # of Replacement Well		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Original Construction Date (mm/dd/yyyy) <b>07/02/2020</b>		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>		Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>15 Feet</b>		Casing Diameter (in.) <b>NA</b>		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2 inch</b>		Casing Depth (ft.) <b>NA</b>		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) <b>NA</b>		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)?				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
				Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
				Required Method of Placing Sealing Material	
				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
				Sealing Materials	
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete	
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:	
				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	0.5	Surface	< 1 bag	
Bentonite Chips	15	0.5	< 1 bag	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Terracon Consultants</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>10/26/2020</b>	Date Received	Noted By
Street or Route <b>9856 South 57th Street</b>		Telephone Number <b>(414) 423-0255</b>		Comments	
City <b>Franklin</b>	State <b>WI</b>	ZIP Code	Signature of Person Doing Work	Date Signed <b>12/22/2020</b>	

**DRAFT**

**APPENDIX D**

**PHOTOGRAPHS**

## Status Report and Work Plan

Rosselli Dry Cleaning (FMR) ■ Kenosha, Wisconsin

September 29 and October 26, 2020 ■ Terracon Project No. 58207200

**Terracon**



**Photo 1:** View of SS-1 and IA-1 facing south.



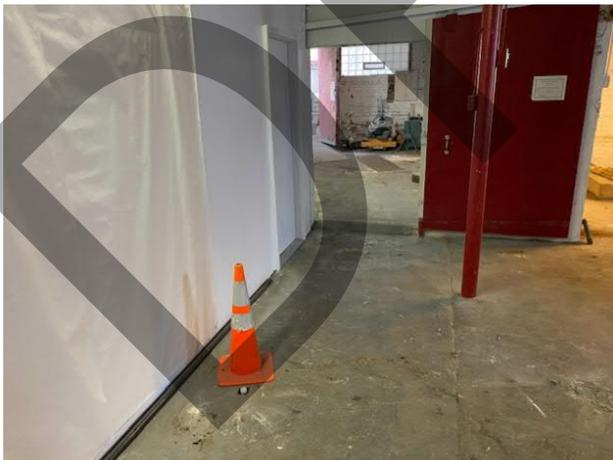
**Photo 2:** View of OA-1 facing north.



**Photo 3:** View of P-2 and P-3 facing west.



**Photo 4:** View of P-1 and the installation of MW-2 facing northeast.



**Photo 5:** View of MW-2 facing south.

**APPENDIX D**

**ANALYTICAL REPORTS AND CHAIN OF CUSTODY FORMS**

DRAFT

October 05, 2020

Krista Kroeninger  
Terracon  
9856 South 57th Street  
Franklin, WI 53132

RE: Project: S8207200 Rasselli Dry Cleaning  
Pace Project No.: 10533802

Dear Krista Kroeninger:

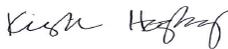
Enclosed are the analytical results for sample(s) received by the laboratory on September 30, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Minneapolis

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

Sincerely,



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

Enclosures

cc: Ed Buc, Terracon



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

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### **Pace Analytical Services - Minneapolis MN**

1700 Elm Street SE, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts DWP Certification #: via MN 027-053-137

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-QS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Vermont Certification #: VT-027053137

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10533802001	SS-1	Air	09/29/20 15:17	09/30/20 10:40
10533802002	OA-1	Air	09/29/20 15:17	09/30/20 10:40
10533802003	IA-1	Air	09/29/20 15:17	09/30/20 10:40

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### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10533802001	SS-1	TO-15	AC1	61	PASI-M
10533802002	OA-1	TO-15	AC1	61	PASI-M
10533802003	IA-1	TO-15	AC1	61	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>10533802001</b>	<b>SS-1</b>					
TO-15	Acetone	9.0J	ug/m3	10.6	10/02/20 00:51	
TO-15	Benzene	0.39J	ug/m3	0.57	10/02/20 00:51	
TO-15	Carbon disulfide	5.2	ug/m3	1.1	10/02/20 00:51	
TO-15	Carbon tetrachloride	0.34J	ug/m3	2.2	10/02/20 00:51	
TO-15	Chloromethane	0.53J	ug/m3	0.74	10/02/20 00:51	
TO-15	Cyclohexane	1.3J	ug/m3	3.1	10/02/20 00:51	
TO-15	Dichlorodifluoromethane	2.1	ug/m3	1.8	10/02/20 00:51	
TO-15	Ethanol	13.9	ug/m3	3.4	10/02/20 00:51	
TO-15	Ethylbenzene	1.1J	ug/m3	1.5	10/02/20 00:51	
TO-15	n-Heptane	0.50J	ug/m3	1.5	10/02/20 00:51	
TO-15	n-Hexane	2.0	ug/m3	1.3	10/02/20 00:51	
TO-15	Methylene Chloride	15.0	ug/m3	6.2	10/02/20 00:51	
TO-15	Naphthalene	3.2J	ug/m3	4.7	10/02/20 00:51	
TO-15	2-Propanol	6.3	ug/m3	4.4	10/02/20 00:51	
TO-15	Styrene	7.6	ug/m3	1.5	10/02/20 00:51	
TO-15	Tetrachloroethene	1150	ug/m3	24.1	10/02/20 17:23	
TO-15	Toluene	3.3	ug/m3	1.3	10/02/20 00:51	
TO-15	1,1,1-Trichloroethane	0.94J	ug/m3	1.9	10/02/20 00:51	
TO-15	Trichloroethene	0.60J	ug/m3	0.96	10/02/20 00:51	
TO-15	Trichlorofluoromethane	1.2J	ug/m3	2.0	10/02/20 00:51	
TO-15	1,1,2-Trichlorotrifluoroethane	0.49J	ug/m3	2.7	10/02/20 00:51	
TO-15	1,2,4-Trimethylbenzene	0.91J	ug/m3	4.4	10/02/20 00:51	
TO-15	m&p-Xylene	3.4	ug/m3	3.1	10/02/20 00:51	
TO-15	o-Xylene	1.3J	ug/m3	1.5	10/02/20 00:51	
<b>10533802002</b>	<b>OA-1</b>					
TO-15	Acetone	13.2	ug/m3	8.4	10/02/20 21:22	
TO-15	Chloromethane	0.77	ug/m3	0.58	10/02/20 21:22	
TO-15	Dichlorodifluoromethane	2.4	ug/m3	1.4	10/02/20 21:22	
TO-15	Ethanol	11.5	ug/m3	2.7	10/02/20 21:22	
TO-15	Ethylbenzene	0.41J	ug/m3	1.2	10/02/20 21:22	
TO-15	n-Heptane	0.43J	ug/m3	1.2	10/02/20 21:22	
TO-15	n-Hexane	2.6	ug/m3	1.0	10/02/20 21:22	
TO-15	Methylene Chloride	27.5	ug/m3	4.9	10/02/20 21:22	
TO-15	Toluene	3.0	ug/m3	1.1	10/02/20 21:22	
TO-15	Trichloroethene	0.48J	ug/m3	0.76	10/02/20 21:22	
TO-15	Trichlorofluoromethane	1.4J	ug/m3	1.6	10/02/20 21:22	
TO-15	1,1,2-Trichlorotrifluoroethane	0.52J	ug/m3	2.2	10/02/20 21:22	
TO-15	m&p-Xylene	1.8J	ug/m3	2.5	10/02/20 21:22	
TO-15	o-Xylene	0.56J	ug/m3	1.2	10/02/20 21:22	
<b>10533802003</b>	<b>IA-1</b>					
TO-15	Acetone	44.7	ug/m3	9.4	10/02/20 20:56	
TO-15	Benzene	0.36J	ug/m3	0.50	10/02/20 20:56	
TO-15	Chloromethane	0.48J	ug/m3	0.65	10/02/20 20:56	
TO-15	Dichlorodifluoromethane	2.0	ug/m3	1.6	10/02/20 20:56	
TO-15	Ethanol	210	ug/m3	3.0	10/02/20 20:56	
TO-15	n-Heptane	0.40J	ug/m3	1.3	10/02/20 20:56	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>10533802003</b>	<b>IA-1</b>					
TO-15	n-Hexane	0.43J	ug/m3	1.1	10/02/20 20:56	
TO-15	Methylene Chloride	2.7J	ug/m3	5.5	10/02/20 20:56	
TO-15	2-Propanol	356	ug/m3	3.9	10/02/20 20:56	
TO-15	Tetrachloroethene	13.8	ug/m3	1.1	10/02/20 20:56	
TO-15	Toluene	1.2	ug/m3	1.2	10/02/20 20:56	
TO-15	Trichloroethene	2.1	ug/m3	0.85	10/02/20 20:56	
TO-15	Trichlorofluoromethane	1.3J	ug/m3	1.8	10/02/20 20:56	
TO-15	1,1,2-Trichlorotrifluoroethane	0.47J	ug/m3	2.4	10/02/20 20:56	
TO-15	m&p-Xylene	0.82J	ug/m3	2.7	10/02/20 20:56	

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### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

Sample: SS-1 Lab ID: 10533802001 Collected: 09/29/20 15:17 Received: 09/30/20 10:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Acetone	9.0J	ug/m3	10.6	3.1	1.75		10/02/20 00:51	67-64-1	
Benzene	0.39J	ug/m3	0.57	0.23	1.75		10/02/20 00:51	71-43-2	
Benzyl chloride	<0.57	ug/m3	4.6	0.57	1.75		10/02/20 00:51	100-44-7	
Bromodichloromethane	<0.46	ug/m3	2.4	0.46	1.75		10/02/20 00:51	75-27-4	
Bromoform	<2.5	ug/m3	9.2	2.5	1.75		10/02/20 00:51	75-25-2	
Bromomethane	<0.32	ug/m3	1.4	0.32	1.75		10/02/20 00:51	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.79	0.17	1.75		10/02/20 00:51	106-99-0	
2-Butanone (MEK)	<0.94	ug/m3	5.2	0.94	1.75		10/02/20 00:51	78-93-3	
Carbon disulfide	5.2	ug/m3	1.1	0.34	1.75		10/02/20 00:51	75-15-0	
Carbon tetrachloride	0.34J	ug/m3	2.2	0.26	1.75		10/02/20 00:51	56-23-5	
Chlorobenzene	<0.27	ug/m3	1.6	0.27	1.75		10/02/20 00:51	108-90-7	
Chloroethane	<0.23	ug/m3	0.94	0.23	1.75		10/02/20 00:51	75-00-3	
Chloroform	<0.34	ug/m3	0.87	0.34	1.75		10/02/20 00:51	67-66-3	
Chloromethane	0.53J	ug/m3	0.74	0.17	1.75		10/02/20 00:51	74-87-3	
Cyclohexane	1.3J	ug/m3	3.1	0.40	1.75		10/02/20 00:51	110-82-7	
Dibromochloromethane	<0.52	ug/m3	3.0	0.52	1.75		10/02/20 00:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.57	ug/m3	1.4	0.57	1.75		10/02/20 00:51	106-93-4	
1,2-Dichlorobenzene	<0.66	ug/m3	2.1	0.66	1.75		10/02/20 00:51	95-50-1	
1,3-Dichlorobenzene	<0.83	ug/m3	2.1	0.83	1.75		10/02/20 00:51	541-73-1	
1,4-Dichlorobenzene	<1.5	ug/m3	5.4	1.5	1.75		10/02/20 00:51	106-46-7	
Dichlorodifluoromethane	2.1	ug/m3	1.8	0.26	1.75		10/02/20 00:51	75-71-8	
1,1-Dichloroethane	<0.22	ug/m3	1.4	0.22	1.75		10/02/20 00:51	75-34-3	
1,2-Dichloroethane	<0.31	ug/m3	0.72	0.31	1.75		10/02/20 00:51	107-06-2	
1,1-Dichloroethene	<0.25	ug/m3	1.4	0.25	1.75		10/02/20 00:51	75-35-4	
cis-1,2-Dichloroethene	<0.28	ug/m3	1.4	0.28	1.75		10/02/20 00:51	156-59-2	
trans-1,2-Dichloroethene	<0.29	ug/m3	1.4	0.29	1.75		10/02/20 00:51	156-60-5	
1,2-Dichloropropane	<0.30	ug/m3	1.6	0.30	1.75		10/02/20 00:51	78-87-5	
cis-1,3-Dichloropropene	<0.38	ug/m3	1.6	0.38	1.75		10/02/20 00:51	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/m3	1.6	0.50	1.75		10/02/20 00:51	10061-02-6	
Dichlorotetrafluoroethane	<0.57	ug/m3	2.5	0.57	1.75		10/02/20 00:51	76-14-2	
Ethanol	13.9	ug/m3	3.4	1.6	1.75		10/02/20 00:51	64-17-5	
Ethyl acetate	<0.29	ug/m3	1.3	0.29	1.75		10/02/20 00:51	141-78-6	
Ethylbenzene	1.1J	ug/m3	1.5	0.32	1.75		10/02/20 00:51	100-41-4	
4-Ethyltoluene	<0.83	ug/m3	4.4	0.83	1.75		10/02/20 00:51	622-96-8	
n-Heptane	0.50J	ug/m3	1.5	0.30	1.75		10/02/20 00:51	142-82-5	
Hexachloro-1,3-butadiene	<1.4	ug/m3	9.5	1.4	1.75		10/02/20 00:51	87-68-3	
n-Hexane	2.0	ug/m3	1.3	0.42	1.75		10/02/20 00:51	110-54-3	
2-Hexanone	<0.62	ug/m3	7.3	0.62	1.75		10/02/20 00:51	591-78-6	
Methylene Chloride	15.0	ug/m3	6.2	1.7	1.75		10/02/20 00:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.37	ug/m3	7.3	0.37	1.75		10/02/20 00:51	108-10-1	
Methyl-tert-butyl ether	<0.24	ug/m3	6.4	0.24	1.75		10/02/20 00:51	1634-04-4	
Naphthalene	3.2J	ug/m3	4.7	2.2	1.75		10/02/20 00:51	91-20-3	
2-Propanol	6.3	ug/m3	4.4	1.5	1.75		10/02/20 00:51	67-63-0	
Propylene	<0.17	ug/m3	0.61	0.17	1.75		10/02/20 00:51	115-07-1	
Styrene	7.6	ug/m3	1.5	0.65	1.75		10/02/20 00:51	100-42-5	

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### ANALYTICAL RESULTS

Project: S8207200 Rasselli Dry Cleaning

Sample Project No.: 10533802

Sample: **SS-1** Lab ID: **10533802001** Collected: 09/29/20 15:17 Received: 09/30/20 10:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
1,1,2,2-Tetrachloroethane	<0.53	ug/m3	1.2	0.53	1.75		10/02/20 00:51	79-34-5	
Tetrachloroethene	1150	ug/m3	24.1	10.0	35		10/02/20 17:23	127-18-4	
Tetrahydrofuran	<0.30	ug/m3	1.0	0.30	1.75		10/02/20 00:51	109-99-9	
Toluene	3.3	ug/m3	1.3	0.29	1.75		10/02/20 00:51	108-88-3	
1,2,4-Trichlorobenzene	<5.8	ug/m3	13.2	5.8	1.75		10/02/20 00:51	120-82-1	
1,1,1-Trichloroethane	0.94J	ug/m3	1.9	0.23	1.75		10/02/20 00:51	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/m3	0.97	0.39	1.75		10/02/20 00:51	79-00-5	
Trichloroethene	0.60J	ug/m3	0.96	0.31	1.75		10/02/20 00:51	79-01-6	
Trichlorofluoromethane	1.2J	ug/m3	2.0	0.50	1.75		10/02/20 00:51	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.49J	ug/m3	2.7	0.44	1.75		10/02/20 00:51	76-13-1	
1,2,4-Trimethylbenzene	0.91J	ug/m3	4.4	0.71	1.75		10/02/20 00:51	95-63-6	
1,3,5-Trimethylbenzene	<0.52	ug/m3	1.7	0.52	1.75		10/02/20 00:51	108-67-8	
Vinyl acetate	<0.31	ug/m3	3.1	0.31	1.75		10/02/20 00:51	108-05-4	
Vinyl chloride	<0.18	ug/m3	0.46	0.18	1.75		10/02/20 00:51	75-01-4	
m&p-Xylene	3.4	ug/m3	3.1	0.75	1.75		10/02/20 00:51	179601-23-1	
o-Xylene	1.3J	ug/m3	1.5	0.34	1.75		10/02/20 00:51	95-47-6	

Sample: **OA-1** Lab ID: **10533802002** Collected: 09/29/20 15:17 Received: 09/30/20 10:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Acetone	13.2	ug/m3	8.4	2.4	1.39		10/02/20 21:22	67-64-1	
Benzene	<0.18	ug/m3	0.45	0.18	1.39		10/02/20 21:22	71-43-2	
Benzyl chloride	<0.46	ug/m3	3.7	0.46	1.39		10/02/20 21:22	100-44-7	
Bromodichloromethane	<0.37	ug/m3	1.9	0.37	1.39		10/02/20 21:22	75-27-4	
Bromoform	<2.0	ug/m3	7.3	2.0	1.39		10/02/20 21:22	75-25-2	
Bromomethane	<0.25	ug/m3	1.1	0.25	1.39		10/02/20 21:22	74-83-9	
1,3-Butadiene	<0.14	ug/m3	0.63	0.14	1.39		10/02/20 21:22	106-99-0	
2-Butanone (MEK)	<0.75	ug/m3	4.2	0.75	1.39		10/02/20 21:22	78-93-3	
Carbon disulfide	<0.27	ug/m3	0.88	0.27	1.39		10/02/20 21:22	75-15-0	
Carbon tetrachloride	<0.20	ug/m3	1.8	0.20	1.39		10/02/20 21:22	56-23-5	
Chlorobenzene	<0.21	ug/m3	1.3	0.21	1.39		10/02/20 21:22	108-90-7	
Chloroethane	<0.18	ug/m3	0.75	0.18	1.39		10/02/20 21:22	75-00-3	
Chloroform	<0.27	ug/m3	0.69	0.27	1.39		10/02/20 21:22	67-66-3	
Chloromethane	0.77	ug/m3	0.58	0.13	1.39		10/02/20 21:22	74-87-3	
Cyclohexane	<0.32	ug/m3	2.4	0.32	1.39		10/02/20 21:22	110-82-7	
Dibromochloromethane	<0.41	ug/m3	2.4	0.41	1.39		10/02/20 21:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.45	ug/m3	1.1	0.45	1.39		10/02/20 21:22	106-93-4	
1,2-Dichlorobenzene	<0.52	ug/m3	1.7	0.52	1.39		10/02/20 21:22	95-50-1	
1,3-Dichlorobenzene	<0.66	ug/m3	1.7	0.66	1.39		10/02/20 21:22	541-73-1	
1,4-Dichlorobenzene	<1.2	ug/m3	4.3	1.2	1.39		10/02/20 21:22	106-46-7	

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### ANALYTICAL RESULTS

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

Sample: OA-1 Lab ID: 10533802002 Collected: 09/29/20 15:17 Received: 09/30/20 10:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Dichlorodifluoromethane	2.4	ug/m3	1.4	0.21	1.39		10/02/20 21:22	75-71-8	
1,1-Dichloroethane	<0.18	ug/m3	1.1	0.18	1.39		10/02/20 21:22	75-34-3	
1,2-Dichloroethane	<0.25	ug/m3	0.57	0.25	1.39		10/02/20 21:22	107-06-2	
1,1-Dichloroethene	<0.20	ug/m3	1.1	0.20	1.39		10/02/20 21:22	75-35-4	
cis-1,2-Dichloroethene	<0.22	ug/m3	1.1	0.22	1.39		10/02/20 21:22	156-59-2	
trans-1,2-Dichloroethene	<0.23	ug/m3	1.1	0.23	1.39		10/02/20 21:22	156-60-5	
1,2-Dichloropropane	<0.24	ug/m3	1.3	0.24	1.39		10/02/20 21:22	78-87-5	
cis-1,3-Dichloropropene	<0.31	ug/m3	1.3	0.31	1.39		10/02/20 21:22	10061-01-5	
trans-1,3-Dichloropropene	<0.40	ug/m3	1.3	0.40	1.39		10/02/20 21:22	10061-02-6	
Dichlorotetrafluoroethane	<0.45	ug/m3	2.0	0.45	1.39		10/02/20 21:22	76-14-2	
Ethanol	11.5	ug/m3	2.7	1.3	1.39		10/02/20 21:22	64-17-5	
Ethyl acetate	<0.23	ug/m3	1.0	0.23	1.39		10/02/20 21:22	141-78-6	
Ethylbenzene	0.41J	ug/m3	1.2	0.25	1.39		10/02/20 21:22	100-41-4	
4-Ethyltoluene	<0.66	ug/m3	3.5	0.66	1.39		10/02/20 21:22	622-96-8	
n-Heptane	0.43J	ug/m3	1.2	0.24	1.39		10/02/20 21:22	142-82-5	
Hexachloro-1,3-butadiene	<1.1	ug/m3	7.5	1.1	1.39		10/02/20 21:22	87-68-3	
n-Hexane	2.6	ug/m3	1.0	0.34	1.39		10/02/20 21:22	110-54-3	
2-Hexanone	<0.49	ug/m3	5.8	0.49	1.39		10/02/20 21:22	591-78-6	
Methylene Chloride	27.5	ug/m3	4.9	1.4	1.39		10/02/20 21:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.29	ug/m3	5.8	0.29	1.39		10/02/20 21:22	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.1	0.19	1.39		10/02/20 21:22	1634-04-4	
Naphthalene	<1.7	ug/m3	3.7	1.7	1.39		10/02/20 21:22	91-20-3	
2-Propanol	<1.2	ug/m3	3.5	1.2	1.39		10/02/20 21:22	67-63-0	
Propylene	<0.14	ug/m3	0.49	0.14	1.39		10/02/20 21:22	115-07-1	
Styrene	<0.51	ug/m3	1.2	0.51	1.39		10/02/20 21:22	100-42-5	
1,1,2,2-Tetrachloroethane	<0.42	ug/m3	0.97	0.42	1.39		10/02/20 21:22	79-34-5	
Tetrachloroethene	<0.40	ug/m3	0.96	0.40	1.39		10/02/20 21:22	127-18-4	
Tetrahydrofuran	<0.24	ug/m3	0.83	0.24	1.39		10/02/20 21:22	109-99-9	
Toluene	3.0	ug/m3	1.1	0.23	1.39		10/02/20 21:22	108-88-3	
1,2,4-Trichlorobenzene	<4.6	ug/m3	10.5	4.6	1.39		10/02/20 21:22	120-82-1	
1,1,1-Trichloroethane	<0.19	ug/m3	1.5	0.19	1.39		10/02/20 21:22	71-55-6	
1,1,2-Trichloroethane	<0.31	ug/m3	0.77	0.31	1.39		10/02/20 21:22	79-00-5	
Trichloroethene	0.48J	ug/m3	0.76	0.24	1.39		10/02/20 21:22	79-01-6	
Trichlorofluoromethane	1.4J	ug/m3	1.6	0.39	1.39		10/02/20 21:22	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.52J	ug/m3	2.2	0.35	1.39		10/02/20 21:22	76-13-1	
1,2,4-Trimethylbenzene	<0.56	ug/m3	1.4	0.56	1.39		10/02/20 21:22	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/m3	1.4	0.42	1.39		10/02/20 21:22	108-67-8	
Vinyl acetate	<0.25	ug/m3	1.0	0.25	1.39		10/02/20 21:22	108-05-4	
Vinyl chloride	<0.14	ug/m3	0.36	0.14	1.39		10/02/20 21:22	75-01-4	
m&p-Xylene	1.8J	ug/m3	2.5	0.59	1.39		10/02/20 21:22	179601-23-1	
o-Xylene	0.56J	ug/m3	1.2	0.27	1.39		10/02/20 21:22	95-47-6	

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### ANALYTICAL RESULTS

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

Sample: IA-1 Lab ID: 10533802003 Collected: 09/29/20 15:17 Received: 09/30/20 10:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Acetone	44.7	ug/m3	9.4	2.7	1.55		10/02/20 20:56	67-64-1	
Benzene	0.36J	ug/m3	0.50	0.20	1.55		10/02/20 20:56	71-43-2	
Benzyl chloride	<0.51	ug/m3	4.1	0.51	1.55		10/02/20 20:56	100-44-7	
Bromodichloromethane	<0.41	ug/m3	2.1	0.41	1.55		10/02/20 20:56	75-27-4	
Bromoform	<2.2	ug/m3	8.1	2.2	1.55		10/02/20 20:56	75-25-2	
Bromomethane	<0.28	ug/m3	1.2	0.28	1.55		10/02/20 20:56	74-83-9	
1,3-Butadiene	<0.15	ug/m3	0.70	0.15	1.55		10/02/20 20:56	106-99-0	
2-Butanone (MEK)	<0.83	ug/m3	4.6	0.83	1.55		10/02/20 20:56	78-93-3	
Carbon disulfide	<0.30	ug/m3	0.98	0.30	1.55		10/02/20 20:56	75-15-0	
Carbon tetrachloride	<0.23	ug/m3	2.0	0.23	1.55		10/02/20 20:56	56-23-5	
Chlorobenzene	<0.24	ug/m3	1.5	0.24	1.55		10/02/20 20:56	108-90-7	
Chloroethane	<0.20	ug/m3	0.83	0.20	1.55		10/02/20 20:56	75-00-3	
Chloroform	<0.30	ug/m3	0.77	0.30	1.55		10/02/20 20:56	67-66-3	
Chloromethane	0.48J	ug/m3	0.65	0.15	1.55		10/02/20 20:56	74-87-3	
Cyclohexane	<0.35	ug/m3	2.7	0.35	1.55		10/02/20 20:56	110-82-7	
Dibromochloromethane	<0.46	ug/m3	2.7	0.46	1.55		10/02/20 20:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.50	ug/m3	1.2	0.50	1.55		10/02/20 20:56	106-93-4	
1,2-Dichlorobenzene	<0.58	ug/m3	1.9	0.58	1.55		10/02/20 20:56	95-50-1	
1,3-Dichlorobenzene	<0.73	ug/m3	1.9	0.73	1.55		10/02/20 20:56	541-73-1	
1,4-Dichlorobenzene	<1.3	ug/m3	4.7	1.3	1.55		10/02/20 20:56	106-46-7	
Dichlorodifluoromethane	2.0	ug/m3	1.6	0.23	1.55		10/02/20 20:56	75-71-8	
1,1-Dichloroethane	<0.20	ug/m3	1.3	0.20	1.55		10/02/20 20:56	75-34-3	
1,2-Dichloroethane	<0.28	ug/m3	0.64	0.28	1.55		10/02/20 20:56	107-06-2	
1,1-Dichloroethene	<0.22	ug/m3	1.2	0.22	1.55		10/02/20 20:56	75-35-4	
cis-1,2-Dichloroethene	<0.25	ug/m3	1.2	0.25	1.55		10/02/20 20:56	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/m3	1.2	0.26	1.55		10/02/20 20:56	156-60-5	
1,2-Dichloropropane	<0.26	ug/m3	1.5	0.26	1.55		10/02/20 20:56	78-87-5	
cis-1,3-Dichloropropene	<0.34	ug/m3	1.4	0.34	1.55		10/02/20 20:56	10061-01-5	
trans-1,3-Dichloropropene	<0.44	ug/m3	1.4	0.44	1.55		10/02/20 20:56	10061-02-6	
Dichlorotetrafluoroethane	<0.51	ug/m3	2.2	0.51	1.55		10/02/20 20:56	76-14-2	
Ethanol	210	ug/m3	3.0	1.5	1.55		10/02/20 20:56	64-17-5	
Ethyl acetate	<0.26	ug/m3	1.1	0.26	1.55		10/02/20 20:56	141-78-6	
Ethylbenzene	<0.28	ug/m3	1.4	0.28	1.55		10/02/20 20:56	100-41-4	
4-Ethyltoluene	<0.74	ug/m3	3.9	0.74	1.55		10/02/20 20:56	622-96-8	
n-Heptane	0.40J	ug/m3	1.3	0.27	1.55		10/02/20 20:56	142-82-5	
Hexachloro-1,3-butadiene	<1.2	ug/m3	8.4	1.2	1.55		10/02/20 20:56	87-68-3	
n-Hexane	0.43J	ug/m3	1.1	0.38	1.55		10/02/20 20:56	110-54-3	
2-Hexanone	<0.55	ug/m3	6.4	0.55	1.55		10/02/20 20:56	591-78-6	
Methylene Chloride	2.7J	ug/m3	5.5	1.5	1.55		10/02/20 20:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.33	ug/m3	6.4	0.33	1.55		10/02/20 20:56	108-10-1	
Methyl-tert-butyl ether	<0.21	ug/m3	5.7	0.21	1.55		10/02/20 20:56	1634-04-4	
Naphthalene	<1.9	ug/m3	4.1	1.9	1.55		10/02/20 20:56	91-20-3	
2-Propanol	356	ug/m3	3.9	1.3	1.55		10/02/20 20:56	67-63-0	
Propylene	<0.15	ug/m3	0.54	0.15	1.55		10/02/20 20:56	115-07-1	
Styrene	<0.57	ug/m3	1.3	0.57	1.55		10/02/20 20:56	100-42-5	

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### ANALYTICAL RESULTS

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

Sample: IA-1 Lab ID: 10533802003 Collected: 09/29/20 15:17 Received: 09/30/20 10:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
1,1,2,2-Tetrachloroethane	<0.47	ug/m3	1.1	0.47	1.55		10/02/20 20:56	79-34-5	
Tetrachloroethene	13.8	ug/m3	1.1	0.44	1.55		10/02/20 20:56	127-18-4	
Tetrahydrofuran	<0.26	ug/m3	0.93	0.26	1.55		10/02/20 20:56	109-99-9	
Toluene	1.2	ug/m3	1.2	0.26	1.55		10/02/20 20:56	108-88-3	
1,2,4-Trichlorobenzene	<5.1	ug/m3	11.7	5.1	1.55		10/02/20 20:56	120-82-1	
1,1,1-Trichloroethane	<0.21	ug/m3	1.7	0.21	1.55		10/02/20 20:56	71-55-6	
1,1,2-Trichloroethane	<0.35	ug/m3	0.86	0.35	1.55		10/02/20 20:56	79-00-5	
Trichloroethene	2.1	ug/m3	0.85	0.27	1.55		10/02/20 20:56	79-01-6	
Trichlorofluoromethane	1.3J	ug/m3	1.8	0.44	1.55		10/02/20 20:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.47J	ug/m3	2.4	0.39	1.55		10/02/20 20:56	76-13-1	
1,2,4-Trimethylbenzene	<0.63	ug/m3	1.5	0.63	1.55		10/02/20 20:56	95-63-6	
1,3,5-Trimethylbenzene	<0.46	ug/m3	1.5	0.46	1.55		10/02/20 20:56	108-67-8	
Vinyl acetate	<0.27	ug/m3	1.1	0.27	1.55		10/02/20 20:56	108-05-4	
Vinyl chloride	<0.16	ug/m3	0.40	0.16	1.55		10/02/20 20:56	75-01-4	
m&p-Xylene	0.82J	ug/m3	2.7	0.66	1.55		10/02/20 20:56	179601-23-1	
o-Xylene	<0.30	ug/m3	1.4	0.30	1.55		10/02/20 20:56	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: S8207200 Rasselli Dry Cleaning  
Pace Project No.: 10533802

QC Batch: 701924	Analysis Method: TO-15
QC Batch Method: TO-15	Analysis Description: TO15 MSV AIR Low Level
	Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10533802001

METHOD BLANK: 3749637 Matrix: Air  
Associated Lab Samples: 10533802001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.067	0.56	10/01/20 09:45	
1,1,2,2-Tetrachloroethane	ug/m3	<0.15	0.35	10/01/20 09:45	
1,1,2-Trichloroethane	ug/m3	<0.11	0.28	10/01/20 09:45	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.12	0.78	10/01/20 09:45	
1,1-Dichloroethane	ug/m3	<0.063	0.41	10/01/20 09:45	
1,1-Dichloroethene	ug/m3	<0.072	0.40	10/01/20 09:45	
1,2,4-Trichlorobenzene	ug/m3	<1.7	3.8	10/01/20 09:45	
1,2,4-Trimethylbenzene	ug/m3	<0.20	1.2	10/01/20 09:45	MN
1,2-Dibromoethane (EDB)	ug/m3	<0.16	0.39	10/01/20 09:45	
1,2-Dichlorobenzene	ug/m3	<0.19	0.61	10/01/20 09:45	
1,2-Dichloroethane	ug/m3	<0.089	0.21	10/01/20 09:45	
1,2-Dichloropropane	ug/m3	<0.085	0.47	10/01/20 09:45	
1,3,5-Trimethylbenzene	ug/m3	<0.15	0.50	10/01/20 09:45	
1,3-Butadiene	ug/m3	<0.050	0.22	10/01/20 09:45	
1,3-Dichlorobenzene	ug/m3	<0.24	0.61	10/01/20 09:45	
1,4-Dichlorobenzene	ug/m3	<0.42	1.5	10/01/20 09:45	
2-Butanone (MEK)	ug/m3	<0.27	1.5	10/01/20 09:45	
2-Hexanone	ug/m3	<0.18	2.1	10/01/20 09:45	
2-Propanol	ug/m3	<0.43	1.2	10/01/20 09:45	
4-Ethyltoluene	ug/m3	<0.24	1.2	10/01/20 09:45	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.10	2.1	10/01/20 09:45	
Acetone	ug/m3	<0.88	3.0	10/01/20 09:45	
Benzene	ug/m3	<0.064	0.16	10/01/20 09:45	
Benzyl chloride	ug/m3	<0.16	1.3	10/01/20 09:45	
Bromodichloromethane	ug/m3	<0.13	0.68	10/01/20 09:45	
Bromoform	ug/m3	<0.70	2.6	10/01/20 09:45	
Bromomethane	ug/m3	<0.090	0.39	10/01/20 09:45	
Carbon disulfide	ug/m3	<0.098	0.32	10/01/20 09:45	
Carbon tetrachloride	ug/m3	<0.074	0.64	10/01/20 09:45	
Chlorobenzene	ug/m3	<0.076	0.47	10/01/20 09:45	
Chloroethane	ug/m3	<0.066	0.27	10/01/20 09:45	
Chloroform	ug/m3	<0.096	0.25	10/01/20 09:45	
Chloromethane	ug/m3	<0.048	0.21	10/01/20 09:45	
cis-1,2-Dichloroethene	ug/m3	<0.080	0.40	10/01/20 09:45	
cis-1,3-Dichloropropene	ug/m3	<0.11	0.46	10/01/20 09:45	
Cyclohexane	ug/m3	<0.11	0.88	10/01/20 09:45	
Dibromochloromethane	ug/m3	<0.15	0.86	10/01/20 09:45	
Dichlorodifluoromethane	ug/m3	<0.075	0.50	10/01/20 09:45	
Dichlorotetrafluoroethane	ug/m3	<0.16	0.71	10/01/20 09:45	
Ethanol	ug/m3	<0.47	0.96	10/01/20 09:45	

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### QUALITY CONTROL DATA

Project: S8207200 Rasselli Dry Cleaning  
Pace Project No.: 10533802

METHOD BLANK: 3749637

Matrix: Air

Associated Lab Samples: 10533802001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.084	0.37	10/01/20 09:45	
Ethylbenzene	ug/m3	<0.090	0.44	10/01/20 09:45	
Hexachloro-1,3-butadiene	ug/m3	<0.40	2.7	10/01/20 09:45	
m&p-Xylene	ug/m3	<0.21	0.88	10/01/20 09:45	
Methyl-tert-butyl ether	ug/m3	<0.069	1.8	10/01/20 09:45	
Methylene Chloride	ug/m3	0.87J	1.8	10/01/20 09:45	
n-Heptane	ug/m3	<0.086	0.42	10/01/20 09:45	
n-Hexane	ug/m3	0.23J	0.36	10/01/20 09:45	
Naphthalene	ug/m3	0.77J	1.3	10/01/20 09:45	
o-Xylene	ug/m3	<0.097	0.44	10/01/20 09:45	
Propylene	ug/m3	<0.049	0.18	10/01/20 09:45	
Styrene	ug/m3	<0.18	0.43	10/01/20 09:45	
Tetrachloroethene	ug/m3	<0.14	0.34	10/01/20 09:45	
Tetrahydrofuran	ug/m3	<0.085	0.30	10/01/20 09:45	
Toluene	ug/m3	<0.083	0.38	10/01/20 09:45	
trans-1,2-Dichloroethene	ug/m3	<0.084	0.40	10/01/20 09:45	
trans-1,3-Dichloropropene	ug/m3	<0.14	0.46	10/01/20 09:45	
Trichloroethene	ug/m3	<0.088	0.27	10/01/20 09:45	
Trichlorofluoromethane	ug/m3	<0.14	0.57	10/01/20 09:45	
Vinyl acetate	ug/m3	<0.088	0.89	10/01/20 09:45	MN
Vinyl chloride	ug/m3	<0.050	0.13	10/01/20 09:45	

LABORATORY CONTROL SAMPLE: 3749638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	52.6	92	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	64.8	90	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	60.0	105	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	85.4	106	70-130	
1,1-Dichloroethane	ug/m3	42.7	44.7	105	70-130	
1,1-Dichloroethene	ug/m3	41.4	44.2	107	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	158	102	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	44.3	86	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	82.8	103	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	55.7	88	70-136	
1,2-Dichloroethane	ug/m3	42.4	40.9	96	70-130	
1,2-Dichloropropane	ug/m3	48.6	49.6	102	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	50.3	97	70-136	
1,3-Butadiene	ug/m3	23.3	25.0	107	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	58.2	92	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	63.0	99	70-145	
2-Butanone (MEK)	ug/m3	31.4	32.6	104	61-130	
2-Hexanone	ug/m3	42.8	42.9	100	70-138	
2-Propanol	ug/m3	119	128	107	70-136	

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### QUALITY CONTROL DATA

Project: S8207200 Rasselli Dry Cleaning  
Pace Project No.: 10533802

LABORATORY CONTROL SAMPLE: 3749638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	54.8	105	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	44.3	101	70-134	
Acetone	ug/m3	126	118	93	59-137	
Benzene	ug/m3	33.5	36.3	108	70-133	
Benzyl chloride	ug/m3	55.1	52.0	94	70-139	
Bromodichloromethane	ug/m3	71.5	64.4	90	70-130	
Bromoform	ug/m3	110	104	95	60-140	
Bromomethane	ug/m3	41.3	41.9	101	70-131	
Carbon disulfide	ug/m3	33.3	36.8	110	70-130	
Carbon tetrachloride	ug/m3	66.2	61.1	92	70-133	
Chlorobenzene	ug/m3	48.3	43.3	90	70-131	
Chloroethane	ug/m3	28.1	29.4	105	70-141	
Chloroform	ug/m3	51.1	48.6	95	70-130	
Chloromethane	ug/m3	21.9	19.3	88	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	46.1	111	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	51.9	109	70-138	
Cyclohexane	ug/m3	36.7	36.8	100	70-133	
Dibromochloromethane	ug/m3	90.7	84.8	93	70-139	
Dichlorodifluoromethane	ug/m3	51.6	46.7	91	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	65.3	90	65-133	
Ethanol	ug/m3	103	108	105	65-135	
Ethyl acetate	ug/m3	38.6	38.6	100	70-135	
Ethylbenzene	ug/m3	45.6	52.6	115	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	113	102	70-134	
m&p-Xylene	ug/m3	91.2	98.8	108	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	45.6	119	70-131	
Methylene Chloride	ug/m3	182	171	94	69-130	
n-Heptane	ug/m3	43.6	43.2	99	70-130	
n-Hexane	ug/m3	37.6	38.2	102	70-131	
Naphthalene	ug/m3	57.7	59.0	102	63-130	
o-Xylene	ug/m3	45.5	45.8	101	70-135	
Propylene	ug/m3	18.2	18.3	101	63-139	
Styrene	ug/m3	44.9	43.8	98	70-143	
Tetrachloroethene	ug/m3	71	70.6	99	70-136	
Tetrahydrofuran	ug/m3	31.5	32.9	105	70-137	
Toluene	ug/m3	39.5	44.9	114	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	46.8	111	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	46.8	98	70-139	
Trichloroethene	ug/m3	56.3	58.5	104	70-132	
Trichlorofluoromethane	ug/m3	59.7	57.4	96	65-136	
Vinyl acetate	ug/m3	34.5	33.3	97	66-140	
Vinyl chloride	ug/m3	26.7	28.4	106	68-141	

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### QUALITY CONTROL DATA

Project: S8207200 Rasselli Dry Cleaning  
Pace Project No.: 10533802

QC Batch: 702218 Analysis Method: TO-15  
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level  
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10533802002, 10533802003

METHOD BLANK: 3751529 Matrix: Air

Associated Lab Samples: 10533802002, 10533802003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.067	0.56	10/02/20 08:34	
1,1,2,2-Tetrachloroethane	ug/m3	<0.15	0.35	10/02/20 08:34	
1,1,2-Trichloroethane	ug/m3	<0.11	0.28	10/02/20 08:34	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.12	0.78	10/02/20 08:34	
1,1-Dichloroethane	ug/m3	<0.063	0.41	10/02/20 08:34	
1,1-Dichloroethene	ug/m3	<0.072	0.40	10/02/20 08:34	
1,2,4-Trichlorobenzene	ug/m3	<1.7	3.8	10/02/20 08:34	
1,2,4-Trimethylbenzene	ug/m3	<0.20	0.50	10/02/20 08:34	
1,2-Dibromoethane (EDB)	ug/m3	<0.16	0.39	10/02/20 08:34	
1,2-Dichlorobenzene	ug/m3	<0.19	0.61	10/02/20 08:34	
1,2-Dichloroethane	ug/m3	<0.089	0.21	10/02/20 08:34	
1,2-Dichloropropane	ug/m3	<0.085	0.47	10/02/20 08:34	
1,3,5-Trimethylbenzene	ug/m3	<0.15	0.50	10/02/20 08:34	
1,3-Butadiene	ug/m3	<0.050	0.22	10/02/20 08:34	
1,3-Dichlorobenzene	ug/m3	<0.24	0.61	10/02/20 08:34	
1,4-Dichlorobenzene	ug/m3	<0.42	1.5	10/02/20 08:34	
2-Butanone (MEK)	ug/m3	<0.27	1.5	10/02/20 08:34	
2-Hexanone	ug/m3	<0.18	2.1	10/02/20 08:34	
2-Propanol	ug/m3	<0.43	1.2	10/02/20 08:34	
4-Ethyltoluene	ug/m3	<0.24	1.2	10/02/20 08:34	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.10	2.1	10/02/20 08:34	
Acetone	ug/m3	<0.88	3.0	10/02/20 08:34	
Benzene	ug/m3	<0.064	0.16	10/02/20 08:34	
Benzyl chloride	ug/m3	<0.16	1.3	10/02/20 08:34	
Bromodichloromethane	ug/m3	<0.13	0.68	10/02/20 08:34	
Bromoform	ug/m3	<0.70	2.6	10/02/20 08:34	
Bromomethane	ug/m3	<0.090	0.39	10/02/20 08:34	
Carbon disulfide	ug/m3	<0.098	0.32	10/02/20 08:34	
Carbon tetrachloride	ug/m3	<0.074	0.64	10/02/20 08:34	
Chlorobenzene	ug/m3	<0.076	0.47	10/02/20 08:34	
Chloroethane	ug/m3	<0.066	0.27	10/02/20 08:34	
Chloroform	ug/m3	<0.096	0.25	10/02/20 08:34	
Chloromethane	ug/m3	<0.048	0.21	10/02/20 08:34	
cis-1,2-Dichloroethene	ug/m3	<0.080	0.40	10/02/20 08:34	
cis-1,3-Dichloropropene	ug/m3	<0.11	0.46	10/02/20 08:34	
Cyclohexane	ug/m3	<0.11	0.88	10/02/20 08:34	
Dibromochloromethane	ug/m3	<0.15	0.86	10/02/20 08:34	
Dichlorodifluoromethane	ug/m3	<0.075	0.50	10/02/20 08:34	
Dichlorotetrafluoroethane	ug/m3	<0.16	0.71	10/02/20 08:34	
Ethanol	ug/m3	<0.47	0.96	10/02/20 08:34	

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### QUALITY CONTROL DATA

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

METHOD BLANK: 3751529

Matrix: Air

Associated Lab Samples: 10533802002, 10533802003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.084	0.37	10/02/20 08:34	
Ethylbenzene	ug/m3	<0.090	0.44	10/02/20 08:34	
Hexachloro-1,3-butadiene	ug/m3	<0.40	2.7	10/02/20 08:34	
m&p-Xylene	ug/m3	<0.21	0.88	10/02/20 08:34	
Methyl-tert-butyl ether	ug/m3	<0.069	1.8	10/02/20 08:34	
Methylene Chloride	ug/m3	<0.49	1.8	10/02/20 08:34	
n-Heptane	ug/m3	<0.086	0.42	10/02/20 08:34	
n-Hexane	ug/m3	<0.12	0.36	10/02/20 08:34	
Naphthalene	ug/m3	<0.62	1.3	10/02/20 08:34	
o-Xylene	ug/m3	<0.097	0.44	10/02/20 08:34	
Propylene	ug/m3	<0.049	0.18	10/02/20 08:34	
Styrene	ug/m3	<0.18	0.43	10/02/20 08:34	
Tetrachloroethene	ug/m3	<0.14	0.34	10/02/20 08:34	
Tetrahydrofuran	ug/m3	<0.085	0.30	10/02/20 08:34	
Toluene	ug/m3	<0.083	0.38	10/02/20 08:34	
trans-1,2-Dichloroethene	ug/m3	<0.084	0.40	10/02/20 08:34	
trans-1,3-Dichloropropene	ug/m3	<0.14	0.46	10/02/20 08:34	
Trichloroethene	ug/m3	<0.088	0.27	10/02/20 08:34	
Trichlorofluoromethane	ug/m3	<0.14	0.57	10/02/20 08:34	
Vinyl acetate	ug/m3	<0.088	0.36	10/02/20 08:34	
Vinyl chloride	ug/m3	<0.050	0.13	10/02/20 08:34	

LABORATORY CONTROL SAMPLE: 3751530

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	59.0	104	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	64.6	90	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	56.1	98	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	82.9	103	70-130	
1,1-Dichloroethane	ug/m3	42.7	42.8	100	70-130	
1,1-Dichloroethene	ug/m3	41.4	44.2	107	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	179	115	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	53.1	103	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	77.9	97	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	61.5	97	70-136	
1,2-Dichloroethane	ug/m3	42.4	43.4	102	70-130	
1,2-Dichloropropane	ug/m3	48.6	47.6	98	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	52.7	102	70-136	
1,3-Butadiene	ug/m3	23.3	25.0	107	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	62.1	98	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	65.3	103	70-145	
2-Butanone (MEK)	ug/m3	31.4	32.6	104	61-130	
2-Hexanone	ug/m3	42.8	44.2	103	70-138	
2-Propanol	ug/m3	119	121	102	70-136	

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### QUALITY CONTROL DATA

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

LABORATORY CONTROL SAMPLE: 3751530

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	55.5	106	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	44.3	102	70-134	
Acetone	ug/m3	126	113	90	59-137	
Benzene	ug/m3	33.5	30.5	91	70-133	
Benzyl chloride	ug/m3	55.1	59.4	108	70-139	
Bromodichloromethane	ug/m3	71.5	75.9	106	70-130	
Bromoform	ug/m3	110	116	106	60-140	
Bromomethane	ug/m3	41.3	42.6	103	70-131	
Carbon disulfide	ug/m3	33.3	32.5	97	70-130	
Carbon tetrachloride	ug/m3	66.2	77.8	117	70-133	
Chlorobenzene	ug/m3	48.3	43.9	91	70-131	
Chloroethane	ug/m3	28.1	33.6	120	70-141	
Chloroform	ug/m3	51.1	50.8	100	70-130	
Chloromethane	ug/m3	21.9	21.6	99	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	42.4	102	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	48.8	102	70-138	
Cyclohexane	ug/m3	36.7	39.0	106	70-133	
Dibromochloromethane	ug/m3	90.7	96.0	106	70-139	
Dichlorodifluoromethane	ug/m3	51.6	52.0	101	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	74.9	103	65-133	
Ethanol	ug/m3	103	102	99	65-135	
Ethyl acetate	ug/m3	38.6	37.6	98	70-135	
Ethylbenzene	ug/m3	45.6	45.0	99	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	88.8	79	70-134	
m&p-Xylene	ug/m3	91.2	92.4	101	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	39.9	104	70-131	
Methylene Chloride	ug/m3	182	170	94	69-130	
n-Heptane	ug/m3	43.6	43.8	100	70-130	
n-Hexane	ug/m3	37.6	36.3	97	70-131	
Naphthalene	ug/m3	57.7	65.8	114	63-130	
o-Xylene	ug/m3	45.5	45.1	99	70-135	
Propylene	ug/m3	18.2	17.5	97	63-139	
Styrene	ug/m3	44.9	48.0	107	70-143	
Tetrachloroethene	ug/m3	71	69.4	98	70-136	
Tetrahydrofuran	ug/m3	31.5	32.3	103	70-137	
Toluene	ug/m3	39.5	39.4	100	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	40.7	96	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	49.0	103	70-139	
Trichloroethene	ug/m3	56.3	57.0	101	70-132	
Trichlorofluoromethane	ug/m3	59.7	64.0	107	65-136	
Vinyl acetate	ug/m3	34.5	36.4	105	66-140	
Vinyl chloride	ug/m3	26.7	27.7	104	68-141	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: S8207200 Rasselli Dry Cleaning  
Pace Project No.: 10533802

SAMPLE DUPLICATE: 3751994

Parameter	Units	10533803001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.21	<0.21			25
1,1,2,2-Tetrachloroethane	ug/m3	<0.47	<0.47			25
1,1,2-Trichloroethane	ug/m3	<0.35	<0.35			25
1,1,2-Trichlorotrifluoroethane	ug/m3	0.43J	0.56J			25
1,1-Dichloroethane	ug/m3	<0.20	<0.20			25
1,1-Dichloroethene	ug/m3	<0.22	<0.22			25
1,2,4-Trichlorobenzene	ug/m3	<5.1	<5.1			25
1,2,4-Trimethylbenzene	ug/m3	1.0J	0.98J			25
1,2-Dibromoethane (EDB)	ug/m3	<0.50	<0.50			25
1,2-Dichlorobenzene	ug/m3	<0.58	<0.58			25
1,2-Dichloroethane	ug/m3	<0.28	<0.28			25
1,2-Dichloropropane	ug/m3	<0.26	<0.26			25
1,3,5-Trimethylbenzene	ug/m3	<0.46	<0.46			25
1,3-Butadiene	ug/m3	<0.15	<0.15			25
1,3-Dichlorobenzene	ug/m3	<0.73	<0.73			25
1,4-Dichlorobenzene	ug/m3	<1.3	<1.3			25
2-Butanone (MEK)	ug/m3	3.4J	3.0J			25
2-Hexanone	ug/m3	<0.55	<0.55			25
2-Propanol	ug/m3	25.6	25.4	1		25
4-Ethyltoluene	ug/m3	<0.74	<0.74			25
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.33	<0.33			25
Acetone	ug/m3	55.4	55.5	0		25
Benzene	ug/m3	1.8	1.7	1		25
Benzyl chloride	ug/m3	<0.51	<0.51			25
Bromodichloromethane	ug/m3	<0.41	<0.41			25
Bromoform	ug/m3	<2.2	<2.2			25
Bromomethane	ug/m3	<0.28	<0.28			25
Carbon disulfide	ug/m3	<0.30	<0.30			25
Carbon tetrachloride	ug/m3	0.23J	0.28J			25
Chlorobenzene	ug/m3	<0.24	<0.24			25
Chloroethane	ug/m3	<0.20	<0.20			25
Chloroform	ug/m3	1.6	1.6	1		25
Chloromethane	ug/m3	0.97	0.89	8		25
cis-1,2-Dichloroethene	ug/m3	<0.25	<0.25			25
cis-1,3-Dichloropropene	ug/m3	<0.34	<0.34			25
Cyclohexane	ug/m3	<0.35	<0.35			25
Dibromochloromethane	ug/m3	<0.46	<0.46			25
Dichlorodifluoromethane	ug/m3	25.5	23.6	8		25
Dichlorotetrafluoroethane	ug/m3	<0.51	<0.51			25
Ethanol	ug/m3	405	402	1		25
Ethyl acetate	ug/m3	8.1	8.0	1		25
Ethylbenzene	ug/m3	1.2J	1.2J			25
Hexachloro-1,3-butadiene	ug/m3	<1.2	<1.2			25
m&p-Xylene	ug/m3	3.6	3.6	1		25
Methyl-tert-butyl ether	ug/m3	<0.21	<0.21			25
Methylene Chloride	ug/m3	7.4	7.4	0		25
n-Heptane	ug/m3	2.3	2.1	6		25

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

SAMPLE DUPLICATE: 3751994

Parameter	Units	10533803001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	3.4	3.5	4	25	
Naphthalene	ug/m3	<1.9	<1.9		25	
o-Xylene	ug/m3	1.2J	1.2J		25	
Propylene	ug/m3	<0.15	<0.15		25	
Styrene	ug/m3	<0.57	<0.57		25	
Tetrachloroethene	ug/m3	<0.44	<0.44		25	
Tetrahydrofuran	ug/m3	<0.26	<0.26		25	
Toluene	ug/m3	9.2	9.1	2	25	
trans-1,2-Dichloroethene	ug/m3	<0.26	<0.26		25	
trans-1,3-Dichloropropene	ug/m3	<0.44	<0.44		25	
Trichloroethene	ug/m3	2.6	2.5	3	25	
Trichlorofluoromethane	ug/m3	1.6J	1.6J		25	
Vinyl acetate	ug/m3	<0.27	<0.27		25	
Vinyl chloride	ug/m3	<0.16	<0.16		25	

SAMPLE DUPLICATE: 3751995

Parameter	Units	10533803002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.85J	0.74J		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.51	<0.51		25	
1,1,2-Trichloroethane	ug/m3	<0.38	<0.38		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.54J	0.46J		25	
1,1-Dichloroethane	ug/m3	<0.21	<0.21		25	
1,1-Dichloroethene	ug/m3	<0.24	<0.24		25	
1,2,4-Trichlorobenzene	ug/m3	<5.6	<5.6		25	
1,2,4-Trimethylbenzene	ug/m3	0.98J	0.93J		25	
1,2-Dibromoethane (EDB)	ug/m3	<0.55	<0.55		25	
1,2-Dichlorobenzene	ug/m3	<0.63	<0.63		25	
1,2-Dichloroethane	ug/m3	<0.30	<0.30		25	
1,2-Dichloropropane	ug/m3	<0.29	<0.29		25	
1,3,5-Trimethylbenzene	ug/m3	<0.50	<0.50		25	
1,3-Butadiene	ug/m3	<0.17	<0.17		25	
1,3-Dichlorobenzene	ug/m3	<0.79	<0.79		25	
1,4-Dichlorobenzene	ug/m3	<1.4	<1.4		25	
2-Butanone (MEK)	ug/m3	9.9	9.5	4	25	
2-Hexanone	ug/m3	1.3J	1.4J		25	
2-Propanol	ug/m3	42.1	40.1	5	25	
4-Ethyltoluene	ug/m3	<0.80	<0.80		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	2.1J	1.9J		25	
Acetone	ug/m3	66.2	62.6	6	25	
Benzene	ug/m3	0.82	0.76	7	25	
Benzyl chloride	ug/m3	<0.55	<0.55		25	
Bromodichloromethane	ug/m3	<0.44	<0.44		25	
Bromoform	ug/m3	<2.4	<2.4		25	
Bromomethane	ug/m3	<0.30	<0.30		25	

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### QUALITY CONTROL DATA

Project: S8207200 Rasselli Dry Cleaning  
Pace Project No.: 10533802

SAMPLE DUPLICATE: 3751995

Parameter	Units	10533803002 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	<0.33	<0.33			25
Carbon tetrachloride	ug/m3	<0.25	<0.25			25
Chlorobenzene	ug/m3	<0.26	<0.26			25
Chloroethane	ug/m3	<0.22	<0.22			25
Chloroform	ug/m3	0.89	0.83J			25
Chloromethane	ug/m3	<0.16	<0.16			25
cis-1,2-Dichloroethene	ug/m3	<0.27	<0.27			25
cis-1,3-Dichloropropene	ug/m3	<0.37	<0.37			25
Cyclohexane	ug/m3	<0.38	<0.38			25
Dibromochloromethane	ug/m3	<0.50	<0.50			25
Dichlorodifluoromethane	ug/m3	28.5	28.0	2		25
Dichlorotetrafluoroethane	ug/m3	<0.55	<0.55			25
Ethanol	ug/m3	1670	1580	6		25 E
Ethyl acetate	ug/m3	<0.28	<0.28			25
Ethylbenzene	ug/m3	2.1	2.0	3		25
Hexachloro-1,3-butadiene	ug/m3	<1.3	<1.3			25
m&p-Xylene	ug/m3	7.8	7.5	4		25
Methyl-tert-butyl ether	ug/m3	<0.23	<0.23			25
Methylene Chloride	ug/m3	5.7J	5.4J			25
n-Heptane	ug/m3	3.3	3.2	3		25
n-Hexane	ug/m3	2.5	2.3	6		25
Naphthalene	ug/m3	<2.1	<2.1			25
o-Xylene	ug/m3	2.1	2.0	5		25
Propylene	ug/m3	<0.16	<0.16			25
Styrene	ug/m3	<0.62	<0.62			25
Tetrachloroethene	ug/m3	1.6	1.5	9		25
Tetrahydrofuran	ug/m3	<0.29	<0.29			25
Toluene	ug/m3	13.9	12.9	7		25
trans-1,2-Dichloroethene	ug/m3	<0.28	<0.28			25
trans-1,3-Dichloropropene	ug/m3	<0.48	<0.48			25
Trichloroethene	ug/m3	0.99	0.86J			25
Trichlorofluoromethane	ug/m3	1.5J	1.4J			25
Vinyl acetate	ug/m3	<0.30	<0.30			25
Vinyl chloride	ug/m3	<0.17	<0.17			25

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## QUALIFIERS

Project: S8207200 Rasselli Dry Cleaning

Pace Project No.: 10533802

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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.

### ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

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

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: S8207200 Rasselli Dry Cleaning  
Pace Project No.: 10533802

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10533802001	SS-1	TO-15	701924		
10533802002	OA-1	TO-15	702218		
10533802003	IA-1	TO-15	702218		

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**REPORT OF LABORATORY ANALYSIS**

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# AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

<b>Section A</b> Required Client Information: Company: <u>POTAEN</u> Address: <u>9856 South 57th St</u> Email To: <u>Krista Kraeninger</u> Phone: _____ Requested Due Date/TAT: _____		<b>Section B</b> Required Project Information: Report To: <u>Krista Kraeninger</u> Copy To: <u>Ed Buel</u> Purchase Order No.: _____ Project Name: <u>Russell Dry Cleaning</u> Project Number: <u>58207200</u>		<b>Section C</b> Invoice Information: Attention: _____ Company Name: _____ Address: _____ Pace Quote Reference: _____ Pace Project Manager/Sales Rep. _____ Pace Profile #: <u>31924</u>		Page: <u>1</u> of <u>1</u> Program: _____ <input type="checkbox"/> UST Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other _____ Reporting Units: _____ Location of Sampling by State: _____ <input type="checkbox"/> mg/m <sup>3</sup> <input type="checkbox"/> PPBV <input type="checkbox"/> PPWV <input type="checkbox"/> Other _____ Report Level: I. _____ II. _____ III. _____ IV. _____	
<b>Section D</b> Required Client Information <b>AIR SAMPLE ID</b> Sample IDs MUST BE UNIQUE <u>SS-1</u> <u>OA-1</u> <u>IA-1</u>		Valid Media Codes MEDIA CODE TS Tedlar Bag 4LC 1 Liter Summa Can 6LC 6 Liter Summa Can LVP Low Volume Puff RVP High Volume Puff PM10 Other _____		<b>COLLECTED</b> MEDIA CODE <u>6LC</u> <u>6LC</u> <u>6LC</u> PID Reading (Client only) _____ COMPOSITE START DATE TIME <u>9-29-2023 1447</u> <u>708</u> <u>708</u> COMPOSITE END/GRAB DATE TIME <u>9-29-2023 1517</u> <u>1517</u> <u>1517</u>		Canister Pressure (Initial Field - In Hg) _____ Canister Pressure (Final Field - In Hg) _____ Summa Can Number _____ Flow Control Number _____ Method: _____ PM10 _____ 30 - Fixed Gas (%) _____ TO-3 BTEX _____ TO-3M (Methane) _____ TO-14 _____ TO-15 Full List VOCs _____ TO-15 Short List BTEX _____ TO-15 Short List Chlorinated _____ TO-15 Short List (Other) _____ Pace Lab ID _____ <u>001</u> <u>002</u> <u>003</u>	
<b>RELINQUISHED BY / AFFILIATION</b> <u>[Signature]</u> <u>Potaben</u> DATE <u>9-29-2023</u> TIME <u>1600</u>		<b>ACCEPTED BY / AFFILIATION</b> <u>[Signature]</u> <u>Pace</u> DATE <u>9/30/23</u> TIME <u>10:40</u>		<b>SAMPLE CONDITIONS</b> Received on Ice _____ Custody Sealed Cooler _____ Samples Intact _____ Temp in °C _____ Y/N Y/N Y/N Y/N Y/N Y/N Y/N Y/N Y/N Y/N			
<b>SAMPLER NAME AND SIGNATURE</b> PRINT Name of SAMPLER: _____ SIGNATURE of SAMPLER: <u>[Signature]</u> DATE Signed (MM/DD/YY): <u>9-29-2023</u>		<b>ORIGINAL</b>					

ORIGINAL



Document Name: Sample Condition Upon Receipt (SCUR) - Air

Document Revised: 24Mar2020

Page 1 of 1

Document No.: ENV-FRM-MIN4-0113 Rev.00

Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: Terracon-WI

Project # WO#: 10533802

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Pace [ ] Speedee [ ] Commercial See Exception

PM: KNH Due Date: 10/07/20 CLIENT: Terracon-WI

Tracking Number: 1723 2546 1062

Custody Seal on Cooler/Box Present? [ ] Yes [X] No Seals Intact? [ ] Yes [ ] No

Packing Material: [ ] Bubble Wrap [ ] Bubble Bags [X] Foam [ ] None [ ] Tin Can [ ] Other: Temp Blank rec: [ ] Yes [X] No

Temp. (TO17 and TO13 samples only) (°C): Corrected Temp (°C): Thermometer Used: [ ] G87A9170600254 [ ] G87A9155100842

Temp should be above freezing to 6°C Correction Factor: Date & Initials of Person Examining Contents: 9-30-20 NZ

Type of ice Received [ ] Blue [ ] Wet [X] None

Comments:

Table with 13 rows of questions and checkboxes regarding Chain of Custody, sampling procedures, and container integrity.

Gauge # [X] 10AIR26 [ ] 10AIR34 [ ] 10AIR35 [ ] 4097

Canisters

Canisters

Table with 10 columns: Sample Number, Can ID, Flow Controller, Initial Pressure, Final Pressure, Sample Number, Can ID, Flow Controller, Initial Pressure, Final Pressure.

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? [ ] Yes [ ] No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Kirsten Hoffberg

Date: 10/1/2020

November 05, 2020

Krista Kroeninger  
Terracon, Inc. - Franklin  
9856 South 57th Street  
Franklin, WI 53132

RE: Project: 58207200 ROSSELLI DRY CLEANERS  
Pace Project No.: 40217254

Dear Krista Kroeninger:

Enclosed are the analytical results for sample(s) received by the laboratory on October 27, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40217254001	P-1 (3')	Solid	10/26/20 08:25	10/27/20 10:05
40217254002	P-1 (7')	Solid	10/26/20 08:30	10/27/20 10:05
40217254003	P-2 (2')	Solid	10/26/20 08:55	10/27/20 10:05
40217254004	P-2 (15')	Solid	10/26/20 09:00	10/27/20 10:05
40217254005	MEOH TRIP BLANK	Solid	10/26/20 00:00	10/27/20 10:05

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### SAMPLE ANALYTE COUNT

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40217254001	P-1 (3')	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40217254002	P-1 (7')	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40217254003	P-2 (2')	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40217254004	P-2 (15')	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40217254005	MEOH TRIP BLANK	EPA 8260	SMT	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

DRAFT

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### SUMMARY OF DETECTION

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40217254001</b>	<b>P-1 (3')</b>					
EPA 8260	Tetrachloroethene	258	ug/kg	157	10/30/20 17:58	
ASTM D2974-87	Percent Moisture	17.9	%	0.10	10/27/20 15:22	
<b>40217254002</b>	<b>P-1 (7')</b>					
EPA 8260	cis-1,2-Dichloroethene	262	ug/kg	137	10/30/20 14:34	
EPA 8260	Tetrachloroethene	21900	ug/kg	295	10/30/20 14:34	
EPA 8260	Trichloroethene	129J	ug/kg	137	10/30/20 14:34	
ASTM D2974-87	Percent Moisture	12.7	%	0.10	10/27/20 15:22	
<b>40217254003</b>	<b>P-2 (2')</b>					
EPA 8260	Tetrachloroethene	280	ug/kg	153	10/30/20 18:20	
ASTM D2974-87	Percent Moisture	15.6	%	0.10	10/27/20 15:23	
<b>40217254004</b>	<b>P-2 (15')</b>					
ASTM D2974-87	Percent Moisture	11.0	%	0.10	10/27/20 15:23	

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## PROJECT NARRATIVE

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

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**Method:** EPA 8260

**Description:** 8260 MSV Med Level Normal List

**Client:** Terracon, Inc. - Franklin

**Date:** November 05, 2020

**General Information:**

5 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

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

**Sample Preparation:**

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

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

**Continuing Calibration:**

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

**Internal Standards:**

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

**Surrogates:**

All surrogates were within QC limits with any exceptions noted below.

**Method Blank:**

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

**Laboratory Control Spike:**

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

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Additional Comments:**

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

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Sample: P-1 (3') Lab ID: 40217254001 Collected: 10/26/20 08:25 Received: 10/27/20 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	10/29/20 10:45	10/30/20 17:58	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	10/29/20 10:45	10/30/20 17:58	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 17:58	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	10/29/20 10:45	10/30/20 17:58	74-83-9	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	10/29/20 10:45	10/30/20 17:58	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 17:58	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	10/29/20 10:45	10/30/20 17:58	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	10/29/20 10:45	10/30/20 17:58	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	10/29/20 10:45	10/30/20 17:58	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	10/29/20 10:45	10/30/20 17:58	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	10/29/20 10:45	10/30/20 17:58	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	10/29/20 10:45	10/30/20 17:58	106-43-4	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	10/29/20 10:45	10/30/20 17:58	96-12-8	W
Dibromochloromethane	<229	ug/kg	763	229	1	10/29/20 10:45	10/30/20 17:58	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 17:58	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	10/29/20 10:45	10/30/20 17:58	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	563-58-6	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	10/29/20 10:45	10/30/20 17:58	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	10/29/20 10:45	10/30/20 17:58	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	10/29/20 10:45	10/30/20 17:58	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 17:58	99-87-6	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	10/29/20 10:45	10/30/20 17:58	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	10/29/20 10:45	10/30/20 17:58	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	103-65-1	W

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### ANALYTICAL RESULTS

Project: 58207200 ROSSELLI DRY CLEANERS  
Pace Project No.: 40217254

Sample: P-1 (3') Lab ID: 40217254001 Collected: 10/26/20 08:25 Received: 10/27/20 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	79-34-5	W
Tetrachloroethene	258	ug/kg	157	47.1	1	10/29/20 10:45	10/30/20 17:58	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	108-88-3	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	10/29/20 10:45	10/30/20 17:58	87-61-6	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	10/29/20 10:45	10/30/20 17:58	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	10/29/20 10:45	10/30/20 17:58	75-69-4	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	10/29/20 10:45	10/30/20 17:58	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/29/20 10:45	10/30/20 17:58	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 17:58	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	120	%	58-145		1	10/29/20 10:45	10/30/20 17:58	1868-53-7	
Toluene-d8 (S)	132	%	56-140		1	10/29/20 10:45	10/30/20 17:58	2037-26-5	
4-Bromofluorobenzene (S)	117	%	52-137		1	10/29/20 10:45	10/30/20 17:58	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.9	%	0.10	0.10	1		10/27/20 15:22		

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## ANALYTICAL RESULTS

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Sample: P-1 (7') Lab ID: 40217254002 Collected: 10/26/20 08:30 Received: 10/27/20 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	71-43-2	W
Bromobenzene	<50.0	ug/kg	124	50.0	2	10/29/20 10:45	10/30/20 14:34	108-86-1	W
Bromochloromethane	<50.0	ug/kg	140	50.0	2	10/29/20 10:45	10/30/20 14:34	74-97-5	W
Bromodichloromethane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	75-27-4	W
Bromoform	<50.0	ug/kg	144	50.0	2	10/29/20 10:45	10/30/20 14:34	75-25-2	W
Bromomethane	<128	ug/kg	500	128	2	10/29/20 10:45	10/30/20 14:34	74-83-9	W
n-Butylbenzene	<60.1	ug/kg	200	60.1	2	10/29/20 10:45	10/30/20 14:34	104-51-8	W
sec-Butylbenzene	<50.0	ug/kg	144	50.0	2	10/29/20 10:45	10/30/20 14:34	135-98-8	W
tert-Butylbenzene	<50.0	ug/kg	124	50.0	2	10/29/20 10:45	10/30/20 14:34	98-06-6	W
Carbon tetrachloride	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	56-23-5	W
Chlorobenzene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	108-90-7	W
Chloroethane	<92.8	ug/kg	500	92.8	2	10/29/20 10:45	10/30/20 14:34	75-00-3	W
Chloroform	<95.0	ug/kg	500	95.0	2	10/29/20 10:45	10/30/20 14:34	67-66-3	W
Chloromethane	<50.0	ug/kg	160	50.0	2	10/29/20 10:45	10/30/20 14:34	74-87-3	W
2-Chlorotoluene	<50.0	ug/kg	128	50.0	2	10/29/20 10:45	10/30/20 14:34	95-49-8	W
4-Chlorotoluene	<50.0	ug/kg	128	50.0	2	10/29/20 10:45	10/30/20 14:34	106-43-4	W
1,2-Dibromo-3-chloropropane	<473	ug/kg	1580	473	2	10/29/20 10:45	10/30/20 14:34	96-12-8	W
Dibromochloromethane	<458	ug/kg	1530	458	2	10/29/20 10:45	10/30/20 14:34	124-48-1	W
1,2-Dibromoethane (EDB)	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	106-93-4	W
Dibromomethane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	74-95-3	W
1,2-Dichlorobenzene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	95-50-1	W
1,3-Dichlorobenzene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	541-73-1	W
1,4-Dichlorobenzene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	106-46-7	W
Dichlorodifluoromethane	<50.0	ug/kg	144	50.0	2	10/29/20 10:45	10/30/20 14:34	75-71-8	W
1,1-Dichloroethane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	75-34-3	W
1,2-Dichloroethane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	107-06-2	W
1,1-Dichloroethene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	75-35-4	W
cis-1,2-Dichloroethene	262	ug/kg	137	57.3	2	10/29/20 10:45	10/30/20 14:34	156-59-2	
trans-1,2-Dichloroethene	<50.0	ug/kg	134	50.0	2	10/29/20 10:45	10/30/20 14:34	156-60-5	W
1,2-Dichloropropane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	78-87-5	W
1,3-Dichloropropane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	142-28-9	W
2,2-Dichloropropane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	594-20-7	W
1,1-Dichloropropene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	563-58-6	W
cis-1,3-Dichloropropene	<84.5	ug/kg	282	84.5	2	10/29/20 10:45	10/30/20 14:34	10061-01-5	W
trans-1,3-Dichloropropene	<50.0	ug/kg	148	50.0	2	10/29/20 10:45	10/30/20 14:34	10061-02-6	W
Diisopropyl ether	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	108-20-3	W
Ethylbenzene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	100-41-4	W
Hexachloro-1,3-butadiene	<137	ug/kg	458	137	2	10/29/20 10:45	10/30/20 14:34	87-68-3	W
Isopropylbenzene (Cumene)	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	98-82-8	W
p-Isopropyltoluene	<50.0	ug/kg	144	50.0	2	10/29/20 10:45	10/30/20 14:34	99-87-6	W
Methylene Chloride	<52.5	ug/kg	176	52.5	2	10/29/20 10:45	10/30/20 14:34	75-09-2	W
Methyl-tert-butyl ether	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	1634-04-4	W
Naphthalene	<54.6	ug/kg	182	54.6	2	10/29/20 10:45	10/30/20 14:34	91-20-3	W
n-Propylbenzene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	103-65-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58207200 ROSSELLI DRY CLEANERS  
Pace Project No.: 40217254

Sample: P-1 (7) Lab ID: 40217254002 Collected: 10/26/20 08:30 Received: 10/27/20 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	100-42-5	W
1,1,1,2-Tetrachloroethane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	630-20-6	W
1,1,2,2-Tetrachloroethane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	79-34-5	W
Tetrachloroethene	21900	ug/kg	295	88.6	2	10/29/20 10:45	10/30/20 14:34	127-18-4	
Toluene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	108-88-3	W
1,2,3-Trichlorobenzene	<94.6	ug/kg	316	94.6	2	10/29/20 10:45	10/30/20 14:34	87-61-6	W
1,2,4-Trichlorobenzene	<83.3	ug/kg	500	83.3	2	10/29/20 10:45	10/30/20 14:34	120-82-1	W
1,1,1-Trichloroethane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	71-55-6	W
1,1,2-Trichloroethane	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	79-00-5	W
Trichloroethene	129J	ug/kg	137	57.3	2	10/29/20 10:45	10/30/20 14:34	79-01-6	
Trichlorofluoromethane	<50.0	ug/kg	130	50.0	2	10/29/20 10:45	10/30/20 14:34	75-69-4	W
1,2,3-Trichloropropane	<74.9	ug/kg	250	74.9	2	10/29/20 10:45	10/30/20 14:34	96-18-4	W
1,2,4-Trimethylbenzene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	95-63-6	W
1,3,5-Trimethylbenzene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	108-67-8	W
Vinyl chloride	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	75-01-4	W
m&p-Xylene	<100	ug/kg	240	100	2	10/29/20 10:45	10/30/20 14:34	179601-23-1	W
o-Xylene	<50.0	ug/kg	120	50.0	2	10/29/20 10:45	10/30/20 14:34	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	91	%	58-145		2	10/29/20 10:45	10/30/20 14:34	1868-53-7	
Toluene-d8 (S)	103	%	56-140		2	10/29/20 10:45	10/30/20 14:34	2037-26-5	
4-Bromofluorobenzene (S)	98	%	52-137		2	10/29/20 10:45	10/30/20 14:34	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.7	%	0.10	0.10	1		10/27/20 15:22		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58207200 ROSSELLI DRY CLEANERS  
Pace Project No.: 40217254

Sample: P-2 (2') Lab ID: 40217254003 Collected: 10/26/20 08:55 Received: 10/27/20 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	10/29/20 10:45	10/30/20 18:20	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	10/29/20 10:45	10/30/20 18:20	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 18:20	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	10/29/20 10:45	10/30/20 18:20	74-83-9	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	10/29/20 10:45	10/30/20 18:20	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 18:20	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	10/29/20 10:45	10/30/20 18:20	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	10/29/20 10:45	10/30/20 18:20	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	10/29/20 10:45	10/30/20 18:20	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	10/29/20 10:45	10/30/20 18:20	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	10/29/20 10:45	10/30/20 18:20	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	10/29/20 10:45	10/30/20 18:20	106-43-4	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	10/29/20 10:45	10/30/20 18:20	96-12-8	W
Dibromochloromethane	<229	ug/kg	763	229	1	10/29/20 10:45	10/30/20 18:20	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 18:20	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	10/29/20 10:45	10/30/20 18:20	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	563-58-6	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	10/29/20 10:45	10/30/20 18:20	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	10/29/20 10:45	10/30/20 18:20	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	10/29/20 10:45	10/30/20 18:20	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 18:20	99-87-6	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	10/29/20 10:45	10/30/20 18:20	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	10/29/20 10:45	10/30/20 18:20	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	103-65-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Sample: P-2 (2') Lab ID: 40217254003 Collected: 10/26/20 08:55 Received: 10/27/20 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	79-34-5	W
Tetrachloroethene	280	ug/kg	153	45.8	1	10/29/20 10:45	10/30/20 18:20	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	108-88-3	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	10/29/20 10:45	10/30/20 18:20	87-61-6	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	10/29/20 10:45	10/30/20 18:20	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	10/29/20 10:45	10/30/20 18:20	75-69-4	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	10/29/20 10:45	10/30/20 18:20	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/29/20 10:45	10/30/20 18:20	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:20	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	124	%	58-145		1	10/29/20 10:45	10/30/20 18:20	1868-53-7	
Toluene-d8 (S)	126	%	56-140		1	10/29/20 10:45	10/30/20 18:20	2037-26-5	
4-Bromofluorobenzene (S)	116	%	52-137		1	10/29/20 10:45	10/30/20 18:20	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.6	%	0.10	0.10	1		10/27/20 15:23		

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## ANALYTICAL RESULTS

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Sample: P-2 (15') Lab ID: 40217254004 Collected: 10/26/20 09:00 Received: 10/27/20 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	10/29/20 10:45	10/30/20 18:43	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	10/29/20 10:45	10/30/20 18:43	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 18:43	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	10/29/20 10:45	10/30/20 18:43	74-83-9	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	10/29/20 10:45	10/30/20 18:43	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 18:43	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	10/29/20 10:45	10/30/20 18:43	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	10/29/20 10:45	10/30/20 18:43	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	10/29/20 10:45	10/30/20 18:43	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	10/29/20 10:45	10/30/20 18:43	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	10/29/20 10:45	10/30/20 18:43	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	10/29/20 10:45	10/30/20 18:43	106-43-4	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	10/29/20 10:45	10/30/20 18:43	96-12-8	W
Dibromochloromethane	<229	ug/kg	763	229	1	10/29/20 10:45	10/30/20 18:43	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 18:43	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	10/29/20 10:45	10/30/20 18:43	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	563-58-6	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	10/29/20 10:45	10/30/20 18:43	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	10/29/20 10:45	10/30/20 18:43	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	10/29/20 10:45	10/30/20 18:43	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 18:43	99-87-6	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	10/29/20 10:45	10/30/20 18:43	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	10/29/20 10:45	10/30/20 18:43	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	103-65-1	W

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### ANALYTICAL RESULTS

Project: 58207200 ROSSELLI DRY CLEANERS  
Pace Project No.: 40217254

Sample: P-2 (15') Lab ID: 40217254004 Collected: 10/26/20 09:00 Received: 10/27/20 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	79-34-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	10/29/20 10:45	10/30/20 18:43	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	108-88-3	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	10/29/20 10:45	10/30/20 18:43	87-61-6	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	10/29/20 10:45	10/30/20 18:43	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	10/29/20 10:45	10/30/20 18:43	75-69-4	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	10/29/20 10:45	10/30/20 18:43	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/29/20 10:45	10/30/20 18:43	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 18:43	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	58-145		1	10/29/20 10:45	10/30/20 18:43	1868-53-7	
Toluene-d8 (S)	106	%	56-140		1	10/29/20 10:45	10/30/20 18:43	2037-26-5	
4-Bromofluorobenzene (S)	98	%	52-137		1	10/29/20 10:45	10/30/20 18:43	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.0	%	0.10	0.10	1		10/27/20 15:23		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Sample: MEOH TRIP BLANK Lab ID: 40217254005 Collected: 10/26/20 00:00 Received: 10/27/20 10:05 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay							
Benzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	10/29/20 10:45	10/30/20 09:12	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	10/29/20 10:45	10/30/20 09:12	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 09:12	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	10/29/20 10:45	10/30/20 09:12	74-83-9	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	10/29/20 10:45	10/30/20 09:12	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 09:12	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	10/29/20 10:45	10/30/20 09:12	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	10/29/20 10:45	10/30/20 09:12	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	10/29/20 10:45	10/30/20 09:12	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	10/29/20 10:45	10/30/20 09:12	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	10/29/20 10:45	10/30/20 09:12	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	10/29/20 10:45	10/30/20 09:12	106-43-4	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	10/29/20 10:45	10/30/20 09:12	96-12-8	W
Dibromochloromethane	<229	ug/kg	763	229	1	10/29/20 10:45	10/30/20 09:12	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 09:12	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	10/29/20 10:45	10/30/20 09:12	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	563-58-6	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	10/29/20 10:45	10/30/20 09:12	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	10/29/20 10:45	10/30/20 09:12	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	10/29/20 10:45	10/30/20 09:12	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	10/29/20 10:45	10/30/20 09:12	99-87-6	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	10/29/20 10:45	10/30/20 09:12	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	10/29/20 10:45	10/30/20 09:12	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	103-65-1	W

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### ANALYTICAL RESULTS

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Sample: **MEOH TRIP BLANK** Lab ID: **40217254005** Collected: 10/26/20 00:00 Received: 10/27/20 10:05 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	79-34-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	10/29/20 10:45	10/30/20 09:12	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	108-88-3	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	10/29/20 10:45	10/30/20 09:12	87-61-6	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	10/29/20 10:45	10/30/20 09:12	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	10/29/20 10:45	10/30/20 09:12	75-69-4	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	10/29/20 10:45	10/30/20 09:12	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/29/20 10:45	10/30/20 09:12	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/29/20 10:45	10/30/20 09:12	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	100	%	58-145		1	10/29/20 10:45	10/30/20 09:12	1868-53-7	
Toluene-d8 (S)	103	%	56-140		1	10/29/20 10:45	10/30/20 09:12	2037-26-5	
4-Bromofluorobenzene (S)	100	%	52-137		1	10/29/20 10:45	10/30/20 09:12	460-00-4	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 58207200 ROSSELLI DRY CLEANERS  
Pace Project No.: 40217254

QC Batch: 369787 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40217254001, 40217254002, 40217254003, 40217254004, 40217254005

METHOD BLANK: 2137440 Matrix: Solid  
Associated Lab Samples: 40217254001, 40217254002, 40217254003, 40217254004, 40217254005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<7.8	50.0	10/29/20 17:15	
1,1,1-Trichloroethane	ug/kg	<13.5	50.0	10/29/20 17:15	
1,1,2,2-Tetrachloroethane	ug/kg	<15.7	52.0	10/29/20 17:15	
1,1,2-Trichloroethane	ug/kg	<15.7	52.0	10/29/20 17:15	
1,1-Dichloroethane	ug/kg	<13.5	50.0	10/29/20 17:15	
1,1-Dichloroethene	ug/kg	<11.8	50.0	10/29/20 17:15	
1,1-Dichloropropene	ug/kg	<10.7	50.0	10/29/20 17:15	
1,2,3-Trichlorobenzene	ug/kg	<47.3	158	10/29/20 17:15	
1,2,3-Trichloropropane	ug/kg	<37.4	125	10/29/20 17:15	
1,2,4-Trichlorobenzene	ug/kg	<41.7	250	10/29/20 17:15	
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	10/29/20 17:15	
1,2-Dibromo-3-chloropropane	ug/kg	<237	789	10/29/20 17:15	
1,2-Dibromoethane (EDB)	ug/kg	<17.0	57.0	10/29/20 17:15	
1,2-Dichlorobenzene	ug/kg	<13.1	50.0	10/29/20 17:15	
1,2-Dichloroethane	ug/kg	<13.8	50.0	10/29/20 17:15	
1,2-Dichloropropane	ug/kg	<13.5	50.0	10/29/20 17:15	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	10/29/20 17:15	
1,3-Dichlorobenzene	ug/kg	<13.0	50.0	10/29/20 17:15	
1,3-Dichloropropane	ug/kg	<11.0	50.0	10/29/20 17:15	
1,4-Dichlorobenzene	ug/kg	<12.0	50.0	10/29/20 17:15	
2,2-Dichloropropane	ug/kg	<15.7	52.0	10/29/20 17:15	
2-Chlorotoluene	ug/kg	<19.3	64.0	10/29/20 17:15	
4-Chlorotoluene	ug/kg	<19.3	64.0	10/29/20 17:15	
Benzene	ug/kg	<12.5	42.0	10/29/20 17:15	
Bromobenzene	ug/kg	<18.5	62.0	10/29/20 17:15	
Bromochloromethane	ug/kg	<20.9	70.0	10/29/20 17:15	
Bromodichloromethane	ug/kg	<10.0	50.0	10/29/20 17:15	
Bromoform	ug/kg	<21.6	72.0	10/29/20 17:15	
Bromomethane	ug/kg	<63.8	250	10/29/20 17:15	
Carbon tetrachloride	ug/kg	<7.5	50.0	10/29/20 17:15	
Chlorobenzene	ug/kg	<16.8	56.0	10/29/20 17:15	
Chloroethane	ug/kg	<46.4	250	10/29/20 17:15	
Chloroform	ug/kg	<47.5	250	10/29/20 17:15	
Chloromethane	ug/kg	<24.0	80.0	10/29/20 17:15	
cis-1,2-Dichloroethene	ug/kg	<14.8	50.0	10/29/20 17:15	
cis-1,3-Dichloropropene	ug/kg	<42.3	141	10/29/20 17:15	
Dibromochloromethane	ug/kg	<229	763	10/29/20 17:15	
Dibromomethane	ug/kg	<17.7	59.0	10/29/20 17:15	
Dichlorodifluoromethane	ug/kg	<21.7	72.0	10/29/20 17:15	
Diisopropyl ether	ug/kg	<14.0	50.0	10/29/20 17:15	

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### QUALITY CONTROL DATA

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

METHOD BLANK: 2137440

Matrix: Solid

Associated Lab Samples: 40217254001, 40217254002, 40217254003, 40217254004, 40217254005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<14.5	50.0	10/29/20 17:15	
Hexachloro-1,3-butadiene	ug/kg	<68.7	229	10/29/20 17:15	
Isopropylbenzene (Cumene)	ug/kg	<17.7	59.0	10/29/20 17:15	
m&p-Xylene	ug/kg	<32.4	108	10/29/20 17:15	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	10/29/20 17:15	
Methylene Chloride	ug/kg	<26.3	88.0	10/29/20 17:15	
n-Butylbenzene	ug/kg	<30.0	100	10/29/20 17:15	
n-Propylbenzene	ug/kg	<17.8	59.0	10/29/20 17:15	
Naphthalene	ug/kg	<27.3	91.0	10/29/20 17:15	
o-Xylene	ug/kg	<18.1	60.0	10/29/20 17:15	
p-Isopropyltoluene	ug/kg	<21.7	72.0	10/29/20 17:15	
sec-Butylbenzene	ug/kg	<21.5	72.0	10/29/20 17:15	
Styrene	ug/kg	<12.3	50.0	10/29/20 17:15	
tert-Butylbenzene	ug/kg	<18.7	62.0	10/29/20 17:15	
Tetrachloroethene	ug/kg	<38.7	129	10/29/20 17:15	
Toluene	ug/kg	<13.1	50.0	10/29/20 17:15	
trans-1,2-Dichloroethene	ug/kg	<20.2	67.0	10/29/20 17:15	
trans-1,3-Dichloropropene	ug/kg	<22.2	74.0	10/29/20 17:15	
Trichloroethene	ug/kg	<12.8	50.0	10/29/20 17:15	
Trichlorofluoromethane	ug/kg	<19.6	65.0	10/29/20 17:15	
Vinyl chloride	ug/kg	<14.5	50.0	10/29/20 17:15	
4-Bromofluorobenzene (S)	%	103	52-137	10/29/20 17:15	
Dibromofluoromethane (S)	%	104	58-145	10/29/20 17:15	
Toluene-d8 (S)	%	111	56-140	10/29/20 17:15	

LABORATORY CONTROL SAMPLE: 2137441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2470	99	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	1890	76	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2230	89	70-130	
1,1-Dichloroethane	ug/kg	2500	1950	78	69-143	
1,1-Dichloroethene	ug/kg	2500	2630	105	73-118	
1,2,4-Trichlorobenzene	ug/kg	2500	1960	78	60-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1960	79	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2300	92	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2400	96	70-130	
1,2-Dichloroethane	ug/kg	2500	2350	94	70-130	
1,2-Dichloropropane	ug/kg	2500	2220	89	78-126	
1,3-Dichlorobenzene	ug/kg	2500	2330	93	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2260	90	70-130	
Benzene	ug/kg	2500	2000	80	70-130	
Bromodichloromethane	ug/kg	2500	2120	85	70-130	
Bromoform	ug/kg	2500	2510	100	67-130	

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### QUALITY CONTROL DATA

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

LABORATORY CONTROL SAMPLE: 2137441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2820	113	45-134	
Carbon tetrachloride	ug/kg	2500	2590	103	70-130	
Chlorobenzene	ug/kg	2500	2510	100	70-130	
Chloroethane	ug/kg	2500	2730	109	58-143	
Chloroform	ug/kg	2500	2280	91	76-122	
Chloromethane	ug/kg	2500	1650	66	45-120	
cis-1,2-Dichloroethene	ug/kg	2500	2190	87	69-130	
cis-1,3-Dichloropropene	ug/kg	2500	2040	82	70-130	
Dibromochloromethane	ug/kg	2500	2520	101	70-130	
Dichlorodifluoromethane	ug/kg	2500	1310	52	26-99	
Ethylbenzene	ug/kg	2500	2500	100	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2390	96	70-130	
m&p-Xylene	ug/kg	5000	4850	97	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2470	99	70-130	
Methylene Chloride	ug/kg	2500	2320	93	70-130	
o-Xylene	ug/kg	2500	2240	90	70-130	
Styrene	ug/kg	2500	2490	100	70-130	
Tetrachloroethene	ug/kg	2500	2480	99	70-130	
Toluene	ug/kg	2500	2520	101	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2930	117	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2020	81	70-130	
Trichloroethene	ug/kg	2500	2630	105	70-130	
Trichlorofluoromethane	ug/kg	2500	3090	124	70-128	
Vinyl chloride	ug/kg	2500	1910	76	53-110	
4-Bromofluorobenzene (S)	%			109	52-137	
Dibromofluoromethane (S)	%			110	58-145	
Toluene-d8 (S)	%			108	56-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2137449 2137450

Parameter	Units	2137449		2137450		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
1,1,1-Trichloroethane	ug/kg	<25.0	1560	1350	1430	87	92	66-130	5	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1560	1290	1250	83	80	70-133	4	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1560	1320	1470	85	94	70-130	11	20	
1,1-Dichloroethane	ug/kg	<25.0	1560	1190	1220	77	79	69-143	2	20	
1,1-Dichloroethene	ug/kg	<25.0	1560	1370	1580	88	102	58-120	15	20	
1,2,4-Trichlorobenzene	ug/kg	<41.7	1560	1540	1580	99	101	60-130	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	<237	1560	1280	1240	82	80	59-136	3	20	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1560	1370	1270	88	82	70-130	8	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1560	1650	1590	106	102	70-130	4	20	
1,2-Dichloroethane	ug/kg	<25.0	1560	1440	1420	93	91	70-136	1	20	
1,2-Dichloropropane	ug/kg	<25.0	1560	1270	1270	82	82	78-128	0	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1560	1630	1580	105	102	70-130	3	20	

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

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2137449			2137450			% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		40217165004	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,4-Dichlorobenzene	ug/kg	<25.0	1560	1560	1520	1610	98	104	70-130	6	20			
Benzene	ug/kg	<25.0	1560	1560	1200	1240	77	79	70-130	3	20			
Bromodichloromethane	ug/kg	<25.0	1560	1560	1220	1210	79	78	70-130	1	20			
Bromoform	ug/kg	<25.0	1560	1560	1410	1540	91	99	63-130	8	20			
Bromomethane	ug/kg	<63.8	1560	1560	1670	1570	107	101	33-146	6	20			
Carbon tetrachloride	ug/kg	<25.0	1560	1560	1490	1500	96	96	65-130	1	20			
Chlorobenzene	ug/kg	<25.0	1560	1560	1620	1620	104	104	70-130	0	20			
Chloroethane	ug/kg	<46.4	1560	1560	1590	1460	102	94	46-156	8	20			
Chloroform	ug/kg	<47.5	1560	1560	1340	1370	86	88	75-130	2	20			
Chloromethane	ug/kg	<25.0	1560	1560	724	748	46	48	20-139	3	20			
cis-1,2-Dichloroethene	ug/kg	<25.0	1560	1560	1350	1350	86	87	69-130	1	20			
cis-1,3-Dichloropropene	ug/kg	<42.3	1560	1560	1090	1220	70	79	70-130	11	20			
Dibromochloromethane	ug/kg	<229	1560	1560	1380	1500	88	96	70-130	9	20			
Dichlorodifluoromethane	ug/kg	<25.0	1560	1560	593	579	38	37	10-99	2	22			
Ethylbenzene	ug/kg	<25.0	1560	1560	1470	1550	95	99	80-120	5	20			
Isopropylbenzene (Cumene)	ug/kg	<25.0	1560	1560	1420	1490	91	96	70-130	5	20			
m&p-Xylene	ug/kg	<50.0	3110	3110	2730	2800	88	90	70-130	3	20			
Methyl-tert-butyl ether	ug/kg	<25.0	1560	1560	1440	1510	92	97	70-130	5	20			
Methylene Chloride	ug/kg	<26.3	1560	1560	1420	1530	91	98	70-136	8	20			
o-Xylene	ug/kg	<25.0	1560	1560	1290	1420	83	91	70-130	9	20			
Styrene	ug/kg	<25.0	1560	1560	1480	1440	95	92	70-130	3	20			
Tetrachloroethene	ug/kg	<38.7	1560	1560	1480	1560	95	100	68-130	5	20			
Toluene	ug/kg	<25.0	1560	1560	1530	1650	99	106	80-120	7	20			
trans-1,2-Dichloroethene	ug/kg	<25.0	1560	1560	1720	1660	111	106	70-130	4	20			
trans-1,3-Dichloropropene	ug/kg	<25.0	1560	1560	1200	1180	77	76	70-130	2	20			
Trichloroethene	ug/kg	<25.0	1560	1560	1610	1540	103	99	70-130	4	20			
Trichlorofluoromethane	ug/kg	<25.0	1560	1560	1760	1690	113	109	53-128	4	20			
Vinyl chloride	ug/kg	<25.0	1560	1560	926	967	59	62	32-118	4	20			
4-Bromofluorobenzene (S)	%						102	104	52-137					
Dibromofluoromethane (S)	%						105	97	58-145					
Toluene-d8 (S)	%						99	103	56-140					

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## QUALIFIERS

Project: 58207200 ROSSELLI DRY CLEANERS  
Pace Project No.: 40217254

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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.

### ANALYTE QUALIFIERS

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 58207200 ROSSELLI DRY CLEANERS

Pace Project No.: 40217254

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40217254001	P-1 (3')	EPA 5035/5030B	369787	EPA 8260	369788
40217254002	P-1 (7')	EPA 5035/5030B	369787	EPA 8260	369788
40217254003	P-2 (2')	EPA 5035/5030B	369787	EPA 8260	369788
40217254004	P-2 (15')	EPA 5035/5030B	369787	EPA 8260	369788
40217254005	MEOH TRIP BLANK	EPA 5035/5030B	369787	EPA 8260	369788
40217254001	P-1 (3')	ASTM D2974-87	369571		
40217254002	P-1 (7')	ASTM D2974-87	369571		
40217254003	P-2 (2')	ASTM D2974-87	369571		
40217254004	P-2 (15')	ASTM D2974-87	369571		

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### REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: TERAcon  
 Branch/Location: Milwaukee, WI  
 Project Contact: Krista Kroeniger  
 Phone: \_\_\_\_\_  
 Project Number: 58207200  
 Project Name: Rossell Dry Cleaners  
 Project State: WI  
 Sampled By (Print): Ryan Johnson  
 Sampled By (Sign): [Signature]  
 PO #: \_\_\_\_\_



### CHAIN OF CUSTODY

REGULATORY PROGRAM: \_\_\_\_\_  
 FILTERED? (YES/NO) \_\_\_\_\_  
 PRESERVATION (CODE)\* \_\_\_\_\_

Matrix Codes:  
 A = Air, B = Biota, C = Charcoal, O = Oil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WP = Waste Water

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

UPPER MIDWEST REGION  
 MN: 612-607-1700 WI: 920-469-2436

Analyses Requested	V/I/N	Pick Letter
UOCs - Soil	W	F
Dry weight	N	A

PAGE LAB #	CLIENT FIELD ID	DATE	COLLECTION TIME	MATRIX	DATE/TIME	RECEIVED BY	DATE/TIME	RECEIVED BY	DATE/TIME	RECEIVED BY	DATE/TIME
001	P-1 (3)	10-26-05	825	S	10/26/05	[Signature]	10/27/05	[Signature]	10/27/05	[Signature]	10/27/05
002	P-1 (7)		830	I							
003	P-2 (2)		855	I							
004	P-2 (15)		900	I							
005	MEAN Trip Blank										

Quote #: 40217254  
 Mail To Contact: Krista Kroeniger  
 Mail To Company: TERAcon  
 Mail To Address: \_\_\_\_\_  
 Invoice To Contact: [Signature]  
 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: 5-July  
 Transmit Prelim Rush Results By (complete what you want): \_\_\_\_\_  
 Email #1: \_\_\_\_\_  
 Email #2: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 Fax: \_\_\_\_\_

Relinquished By: [Signature] Date/Time: 10/26/05  
 Relinquished By: [Signature] Date/Time: 10/27/05  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: [Signature] Date/Time: 10/27/05  
 Received By: [Signature] Date/Time: 10/27/05  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

PAGE Project No. 40217254  
 Receipt Temp = 20°C  
 Sample Receipt pH \_\_\_\_\_  
 Cooler Custody Seal (Present) / Not Present  
 Intact / Not Intact

Addresses

Order By :

Ship To :

Return To:

Company Terracon, Inc. - Franklin  
 Contact Kroeninger, Krista  
 Email krista.kroeninger@terracon.com  
 Address 9856 South 57th Street  
 Address 2 \_\_\_\_\_  
 City Franklin  
 State WI Zip 53132  
 Phone NONE

Company Terracon, Inc. - Franklin  
 Contact Kroeninger, Krista  
 Email krista.kroeninger@terracon.com  
 Address 9856 South 57th Street  
 Address 2 \_\_\_\_\_  
 City Franklin  
 State WI Zip 53132  
 Phone NONE

Company Pace Analytical Green Bay  
 Contact Milewsky, Dan  
 Email dan.milewsky@pacelabs.com  
 Address 1241 Bellevue Street  
 Address 2 Suite 9  
 City Green Bay  
 State WI Zip 54302  
 Phone (920)469-2436

Info

Project Name 58207200 Rosselli Dry Cleaning Due Date 09/22/2020 Profile 2916 Quote \_\_\_\_\_  
 Project Manager Milewsky, Dan Return Date \_\_\_\_\_ Carrier Most Economical Location \_\_\_\_\_

Trip Blanks

Include Trip Blanks

Bottle Labels

Blank  
 Pre-Printed No Sample IDs  
 Pre-Printed With Sample IDs

Bottles

Boxed Cases  
 Individually Wrapped  
 Grouped By Sample ID/Matrix

Return Shipping Labels

No Shipper  
 With Shipper

Misc

Sampling Instructions  
 Custody Seal  
 Temp. Blanks  
 Coolers \_\_\_\_\_  
 Syringes \_\_\_\_\_  
 Extra Bubble Wrap  
 Short Hold/Rush Stickers  
 DI Water Liter(s) \_\_\_\_\_  
 USDA Regulated Soils

COC Options

Number of Blanks 1  
 Pre-Printed \_\_\_\_\_

# of Samples	Matrix	Test	Container	Total	# of	Lot #	Notes
2	WT	VOC WI List	3-40ml clear vial HCl-hydrochloric acid	6	0	B-0-182-01VB	
1	WT	Trip BLANK	2-40mL HCL w/custody seal	2	0	B-0-015-01VB	
1	SL	MEOH Trip Blanks	40mL vial, 10mL MeOH w/custody seal	1	0	B-0-139-01VB	
5	SL	VOC 8260 Med Level Methanol	40mL vial, 10mL MeOH Tared Wt	5	0	B-0-139-01VB	
5	SL	10g Sampling Tool	Plastic 10 gram cut off syringe	5	0	NA	
5	SL	Moisture/ Dry weight	4 oz plastic cup	5	0	200401	

Hazard Shipping Placard In Place : NA

LAB USE:

\*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.

Ship Date : 09/18/2020  
 Prepared By: Mai Yer Her  
 Verified By: \_\_\_\_\_

Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.  
 Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.  
 Payment term are net 30 days.  
 Please include the proposal number on the chain of custody to insure proper billing.

Sample

CLIENT USE (Optional):

\_\_\_\_\_

Date Rec'd: \_\_\_\_\_  
 Received By: \_\_\_\_\_  
 Verified By: \_\_\_\_\_



**Sample Condition Upon Receipt Form (SCUR)**

Client Name: Terracon

Project #: 
**WO# : 40217254**  
  
 40217254

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

Tracking #: 2068102620

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: ROI / Corr: \_\_\_\_\_

Temp Blank Present:  yes  no Biological Tissue is Frozen:  yes  no

Person examining contents:  
Date: 10/27/20 /Initials: SW  
Labeled By Initials: [Signature]

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>Phone #</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>10/27/20</u>
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:	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	8.
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>S</u>	
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):	<u>B013901VB</u>	

Client Notification/ Resolution: \_\_\_\_\_ Date/Time: \_\_\_\_\_ If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Comments/ Resolution: \_\_\_\_\_

November 13, 2020

Krista Kroeninger  
Terracon, Inc. - Franklin  
9856 South 57th Street  
Franklin, WI 53132

RE: Project: 58207200 ROSSELLI CLEANERS  
Pace Project No.: 40218158

Dear Krista Kroeninger:

Enclosed are the analytical results for sample(s) received by the laboratory on November 11, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 58207200 ROSSELLI CLEANERS

Pace Project No.: 40218158

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 58207200 ROSSELLI CLEANERS

Pace Project No.: 40218158

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40218158001	MW-2	Water	11/10/20 14:15	11/11/20 11:05
40218158002	TRIP BLANK	Water	11/10/20 14:00	11/11/20 11:05

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**SAMPLE ANALYTE COUNT**

Project: 58207200 ROSSELLI CLEANERS  
Pace Project No.: 40218158

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40218158001	MW-2	EPA 8260	LAP	64	PASI-G
40218158002	TRIP BLANK	EPA 8260	LAP	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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**REPORT OF LABORATORY ANALYSIS**

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### SUMMARY OF DETECTION

Project: 58207200 ROSSELLI CLEANERS

Pace Project No.: 40218158

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40218158001</b>	<b>MW-2</b>					
EPA 8260	Chloromethane	2.6J	ug/L	7.3	11/12/20 22:14	
EPA 8260	cis-1,2-Dichloroethene	1.4	ug/L	1.0	11/12/20 22:14	
EPA 8260	Tetrachloroethene	11.7	ug/L	1.1	11/12/20 22:14	

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### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58207200 ROSSELLI CLEANERS

Pace Project No.: 40218158

---

**Method:** EPA 8260

**Description:** 8260 MSV

**Client:** Terracon, Inc. - Franklin

**Date:** November 13, 2020

**General Information:**

2 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

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

**Initial Calibrations (including MS Tune as applicable):**

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

**Continuing Calibration:**

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

**Internal Standards:**

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

**Surrogates:**

All surrogates were within QC limits with any exceptions noted below.

**Method Blank:**

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

**Laboratory Control Spike:**

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

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Additional Comments:**

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

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58207200 ROSSELLI CLEANERS  
Pace Project No.: 40218158

**Sample: MW-2**      **Lab ID: 40218158001**      Collected: 11/10/20 14:15      Received: 11/11/20 11:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		11/12/20 22:14	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		11/12/20 22:14	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/12/20 22:14	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		11/12/20 22:14	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		11/12/20 22:14	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		11/12/20 22:14	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		11/12/20 22:14	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		11/12/20 22:14	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		11/12/20 22:14	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		11/12/20 22:14	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		11/12/20 22:14	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		11/12/20 22:14	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		11/12/20 22:14	67-66-3	
Chloromethane	2.6J	ug/L	7.3	2.2	1		11/12/20 22:14	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		11/12/20 22:14	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		11/12/20 22:14	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		11/12/20 22:14	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		11/12/20 22:14	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		11/12/20 22:14	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		11/12/20 22:14	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		11/12/20 22:14	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		11/12/20 22:14	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		11/12/20 22:14	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		11/12/20 22:14	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		11/12/20 22:14	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		11/12/20 22:14	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		11/12/20 22:14	75-35-4	
cis-1,2-Dichloroethene	1.4	ug/L	1.0	0.27	1		11/12/20 22:14	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		11/12/20 22:14	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		11/12/20 22:14	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		11/12/20 22:14	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		11/12/20 22:14	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		11/12/20 22:14	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		11/12/20 22:14	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		11/12/20 22:14	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		11/12/20 22:14	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		11/12/20 22:14	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		11/12/20 22:14	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		11/12/20 22:14	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		11/12/20 22:14	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		11/12/20 22:14	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		11/12/20 22:14	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		11/12/20 22:14	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		11/12/20 22:14	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		11/12/20 22:14	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58207200 ROSSELLI CLEANERS  
Pace Project No.: 40218158

**Sample: MW-2**      **Lab ID: 40218158001**      Collected: 11/10/20 14:15      Received: 11/11/20 11:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		11/12/20 22:14	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		11/12/20 22:14	79-34-5	
Tetrachloroethene	11.7	ug/L	1.1	0.33	1		11/12/20 22:14	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		11/12/20 22:14	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		11/12/20 22:14	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/12/20 22:14	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		11/12/20 22:14	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		11/12/20 22:14	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		11/12/20 22:14	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		11/12/20 22:14	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		11/12/20 22:14	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		11/12/20 22:14	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		11/12/20 22:14	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/12/20 22:14	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		11/12/20 22:14	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		11/12/20 22:14	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		11/12/20 22:14	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		11/12/20 22:14	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/12/20 22:14	2037-26-5	

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### ANALYTICAL RESULTS

Project: 58207200 ROSSELLI CLEANERS

Pace Project No.: 40218158

**Sample: TRIP BLANK**      **Lab ID: 40218158002**      Collected: 11/10/20 14:00      Received: 11/11/20 11:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		11/12/20 21:03	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		11/12/20 21:03	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/12/20 21:03	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		11/12/20 21:03	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		11/12/20 21:03	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		11/12/20 21:03	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		11/12/20 21:03	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		11/12/20 21:03	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		11/12/20 21:03	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		11/12/20 21:03	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		11/12/20 21:03	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		11/12/20 21:03	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		11/12/20 21:03	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		11/12/20 21:03	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		11/12/20 21:03	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		11/12/20 21:03	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		11/12/20 21:03	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		11/12/20 21:03	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		11/12/20 21:03	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		11/12/20 21:03	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		11/12/20 21:03	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		11/12/20 21:03	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		11/12/20 21:03	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		11/12/20 21:03	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		11/12/20 21:03	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		11/12/20 21:03	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		11/12/20 21:03	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		11/12/20 21:03	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		11/12/20 21:03	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		11/12/20 21:03	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		11/12/20 21:03	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		11/12/20 21:03	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		11/12/20 21:03	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		11/12/20 21:03	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		11/12/20 21:03	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		11/12/20 21:03	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		11/12/20 21:03	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		11/12/20 21:03	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		11/12/20 21:03	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		11/12/20 21:03	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		11/12/20 21:03	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		11/12/20 21:03	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		11/12/20 21:03	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		11/12/20 21:03	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		11/12/20 21:03	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58207200 ROSSELLI CLEANERS  
Pace Project No.: 40218158

**Sample: TRIP BLANK**      **Lab ID: 40218158002**      Collected: 11/10/20 14:00      Received: 11/11/20 11:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		11/12/20 21:03	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		11/12/20 21:03	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		11/12/20 21:03	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		11/12/20 21:03	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		11/12/20 21:03	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/12/20 21:03	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		11/12/20 21:03	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		11/12/20 21:03	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		11/12/20 21:03	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		11/12/20 21:03	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		11/12/20 21:03	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		11/12/20 21:03	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		11/12/20 21:03	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/12/20 21:03	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		11/12/20 21:03	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		11/12/20 21:03	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		11/12/20 21:03	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		11/12/20 21:03	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/12/20 21:03	2037-26-5	

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### QUALITY CONTROL DATA

Project: 58207200 ROSSELLI CLEANERS

Pace Project No.: 40218158

QC Batch: 371040

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40218158001, 40218158002

METHOD BLANK: 2145279

Matrix: Water

Associated Lab Samples: 40218158001, 40218158002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	11/12/20 12:45	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	11/12/20 12:45	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	11/12/20 12:45	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	11/12/20 12:45	
1,1-Dichloroethane	ug/L	<0.27	1.0	11/12/20 12:45	
1,1-Dichloroethene	ug/L	<0.24	1.0	11/12/20 12:45	
1,1-Dichloropropene	ug/L	<0.54	1.8	11/12/20 12:45	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	11/12/20 12:45	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	11/12/20 12:45	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/12/20 12:45	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	11/12/20 12:45	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	11/12/20 12:45	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	11/12/20 12:45	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	11/12/20 12:45	
1,2-Dichloroethane	ug/L	<0.28	1.0	11/12/20 12:45	
1,2-Dichloropropane	ug/L	<0.28	1.0	11/12/20 12:45	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	11/12/20 12:45	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	11/12/20 12:45	
1,3-Dichloropropane	ug/L	<0.83	2.8	11/12/20 12:45	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	11/12/20 12:45	
2,2-Dichloropropane	ug/L	<2.3	7.6	11/12/20 12:45	
2-Chlorotoluene	ug/L	<0.93	5.0	11/12/20 12:45	
4-Chlorotoluene	ug/L	<0.76	2.5	11/12/20 12:45	
Benzene	ug/L	<0.25	1.0	11/12/20 12:45	
Bromobenzene	ug/L	<0.24	1.0	11/12/20 12:45	
Bromochloromethane	ug/L	<0.36	5.0	11/12/20 12:45	
Bromodichloromethane	ug/L	<0.36	1.2	11/12/20 12:45	
Bromoform	ug/L	<4.0	13.2	11/12/20 12:45	
Bromomethane	ug/L	<0.97	5.0	11/12/20 12:45	
Carbon tetrachloride	ug/L	<1.1	3.6	11/12/20 12:45	
Chlorobenzene	ug/L	<0.71	2.4	11/12/20 12:45	
Chloroethane	ug/L	<1.3	5.0	11/12/20 12:45	
Chloroform	ug/L	<1.3	5.0	11/12/20 12:45	
Chloromethane	ug/L	<2.2	7.3	11/12/20 12:45	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	11/12/20 12:45	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	11/12/20 12:45	
Dibromochloromethane	ug/L	<2.6	8.7	11/12/20 12:45	
Dibromomethane	ug/L	<0.94	3.1	11/12/20 12:45	
Dichlorodifluoromethane	ug/L	<0.50	5.0	11/12/20 12:45	
Diisopropyl ether	ug/L	<1.9	6.3	11/12/20 12:45	

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: 58207200 ROSSELLI CLEANERS

Pace Project No.: 40218158

METHOD BLANK: 2145279

Matrix: Water

Associated Lab Samples: 40218158001, 40218158002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	11/12/20 12:45	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	11/12/20 12:45	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	11/12/20 12:45	
m&p-Xylene	ug/L	<0.47	2.0	11/12/20 12:45	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	11/12/20 12:45	
Methylene Chloride	ug/L	<0.58	5.0	11/12/20 12:45	
n-Butylbenzene	ug/L	<0.71	2.4	11/12/20 12:45	
n-Propylbenzene	ug/L	<0.81	5.0	11/12/20 12:45	
Naphthalene	ug/L	<1.2	5.0	11/12/20 12:45	
o-Xylene	ug/L	<0.26	1.0	11/12/20 12:45	
p-Isopropyltoluene	ug/L	<0.80	2.7	11/12/20 12:45	
sec-Butylbenzene	ug/L	<0.85	5.0	11/12/20 12:45	
Styrene	ug/L	<3.0	10.0	11/12/20 12:45	
tert-Butylbenzene	ug/L	<0.30	1.0	11/12/20 12:45	
Tetrachloroethene	ug/L	<0.33	1.1	11/12/20 12:45	
Toluene	ug/L	<0.27	1.0	11/12/20 12:45	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	11/12/20 12:45	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	11/12/20 12:45	
Trichloroethene	ug/L	<0.26	1.0	11/12/20 12:45	
Trichlorofluoromethane	ug/L	<0.21	1.0	11/12/20 12:45	
Vinyl chloride	ug/L	<0.17	1.0	11/12/20 12:45	
4-Bromofluorobenzene (S)	%	94	70-130	11/12/20 12:45	
Dibromofluoromethane (S)	%	93	70-130	11/12/20 12:45	
Toluene-d8 (S)	%	100	70-130	11/12/20 12:45	

LABORATORY CONTROL SAMPLE: 2145280

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.3	111	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	56.7	113	64-131	
1,1,2-Trichloroethane	ug/L	50	49.4	99	70-130	
1,1-Dichloroethane	ug/L	50	70.5	141	69-163	
1,1-Dichloroethene	ug/L	50	56.7	113	77-123	
1,2,4-Trichlorobenzene	ug/L	50	48.8	98	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.4	101	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	48.0	96	70-130	
1,2-Dichlorobenzene	ug/L	50	53.4	107	70-130	
1,2-Dichloroethane	ug/L	50	52.8	106	78-142	
1,2-Dichloropropane	ug/L	50	60.7	121	86-134	
1,3-Dichlorobenzene	ug/L	50	56.5	113	70-130	
1,4-Dichlorobenzene	ug/L	50	53.6	107	70-130	
Benzene	ug/L	50	56.3	113	70-130	
Bromodichloromethane	ug/L	50	52.8	106	70-130	
Bromoform	ug/L	50	45.0	90	70-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 58207200 ROSSELLI CLEANERS

Pace Project No.: 40218158

LABORATORY CONTROL SAMPLE: 2145280

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	40.1	80	39-129	
Carbon tetrachloride	ug/L	50	54.9	110	70-132	
Chlorobenzene	ug/L	50	54.0	108	70-130	
Chloroethane	ug/L	50	59.9	120	66-140	
Chloroform	ug/L	50	53.9	108	75-132	
Chloromethane	ug/L	50	33.6	67	32-143	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.4	107	70-130	
Dibromochloromethane	ug/L	50	46.2	92	70-130	
Dichlorodifluoromethane	ug/L	50	15.6	31	10-141	
Ethylbenzene	ug/L	50	55.4	111	80-120	
Isopropylbenzene (Cumene)	ug/L	50	55.0	110	70-130	
m&p-Xylene	ug/L	100	109	109	70-130	
Methyl-tert-butyl ether	ug/L	50	55.3	111	61-129	
Methylene Chloride	ug/L	50	62.2	124	70-130	
o-Xylene	ug/L	50	53.4	107	70-130	
Styrene	ug/L	50	53.8	108	70-130	
Tetrachloroethene	ug/L	50	50.1	100	70-130	
Toluene	ug/L	50	53.4	107	80-120	
trans-1,2-Dichloroethene	ug/L	50	59.5	119	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.9	94	69-130	
Trichloroethene	ug/L	50	56.0	112	70-130	
Trichlorofluoromethane	ug/L	50	59.6	119	75-145	
Vinyl chloride	ug/L	50	43.8	88	51-140	
4-Bromofluorobenzene (S)	%			96	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2145591 2145592

Parameter	Units	2145591		2145592		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40218122001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<1.0	50	50	51.7	55.5	103	111	70-130	7	20	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	52.8	57.3	106	115	64-137	8	20	
1,1,2-Trichloroethane	ug/L	<5.0	50	50	46.0	51.0	92	102	70-137	10	20	
1,1-Dichloroethane	ug/L	<1.0	50	50	66.9	71.3	134	143	69-163	6	20	
1,1-Dichloroethene	ug/L	<1.0	50	50	55.2	57.5	110	115	77-129	4	20	
1,2,4-Trichlorobenzene	ug/L	<5.0	50	50	47.3	50.3	95	101	68-130	6	20	
1,2-Dibromo-3-chloropropane	ug/L	<5.9	50	50	47.6	52.6	95	105	60-130	10	20	
1,2-Dibromoethane (EDB)	ug/L	<2.8	50	50	45.4	49.3	91	99	70-130	8	20	
1,2-Dichlorobenzene	ug/L	<2.4	50	50	51.8	54.2	104	108	70-130	4	20	
1,2-Dichloroethane	ug/L	<1.0	50	50	50.0	56.4	100	113	78-145	12	20	
1,2-Dichloropropane	ug/L	<1.0	50	50	58.7	62.4	117	125	86-135	6	20	
1,3-Dichlorobenzene	ug/L	<2.1	50	50	53.5	54.4	107	109	70-130	2	20	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 58207200 ROSSELLI CLEANERS  
Pace Project No.: 40218158

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2145591		2145592		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40218122001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/L	<3.1	50	50	51.3	54.2	103	108	70-130	6	20		
Benzene	ug/L	<1.0	50	50	52.8	57.8	106	116	70-136	9	20		
Bromodichloromethane	ug/L	<1.2	50	50	50.8	54.7	102	109	70-130	7	20		
Bromoform	ug/L	<13.2	50	50	42.5	49.1	85	98	69-130	14	20		
Bromomethane	ug/L	<5.0	50	50	37.1	40.1	74	80	39-138	8	20		
Carbon tetrachloride	ug/L	<3.6	50	50	52.1	56.8	104	114	70-142	9	20		
Chlorobenzene	ug/L	<2.4	50	50	50.8	54.2	102	108	70-130	6	20		
Chloroethane	ug/L	<5.0	50	50	67.3	63.0	135	126	61-149	7	20		
Chloroform	ug/L	<5.0	50	50	50.8	55.8	102	112	75-133	9	20		
Chloromethane	ug/L	<7.3	50	50	32.4	34.5	65	69	32-143	6	20		
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	47.9	52.7	96	105	70-130	10	20		
cis-1,3-Dichloropropene	ug/L	<12.1	50	50	50.5	54.8	101	110	70-130	8	20		
Dibromochloromethane	ug/L	<8.7	50	50	43.3	47.8	87	96	70-130	10	20		
Dichlorodifluoromethane	ug/L	<5.0	50	50	15.1	15.3	30	31	10-141	2	20		
Ethylbenzene	ug/L	<1.1	50	50	53.5	55.2	107	110	80-120	3	20		
Isopropylbenzene (Cumene)	ug/L	<5.6	50	50	52.3	54.8	105	110	70-130	5	20		
m&p-Xylene	ug/L	<2.0	100	100	103	109	103	109	70-130	5	20		
Methyl-tert-butyl ether	ug/L	<4.2	50	50	52.6	58.1	105	116	61-136	10	20		
Methylene Chloride	ug/L	<5.0	50	50	59.8	62.1	120	124	68-137	4	20		
o-Xylene	ug/L	<1.0	50	50	50.9	53.9	102	108	70-130	6	20		
Styrene	ug/L	<10.0	50	50	51.2	54.0	102	108	70-130	5	20		
Tetrachloroethene	ug/L	<1.1	50	50	46.9	50.9	94	102	70-130	8	20		
Toluene	ug/L	<1.0	50	50	51.2	53.3	102	107	80-120	4	20		
trans-1,2-Dichloroethene	ug/L	<1.5	50	50	56.6	61.9	113	124	70-130	9	20		
trans-1,3-Dichloropropene	ug/L	<14.6	50	50	44.2	48.0	88	96	69-130	8	20		
Trichloroethene	ug/L	<1.0	50	50	51.1	55.0	102	110	70-130	7	20		
Trichlorofluoromethane	ug/L	<1.0	50	50	55.4	59.3	111	119	74-157	7	20		
Vinyl chloride	ug/L	<1.0	50	50	42.5	44.1	85	88	51-140	4	20		
4-Bromofluorobenzene (S)	%						97	96	70-130				
Dibromofluoromethane (S)	%						101	105	70-130				
Toluene-d8 (S)	%						102	98	70-130				

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## QUALIFIERS

Project: 58207200 ROSSELLI CLEANERS

Pace Project No.: 40218158

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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.

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 58207200 ROSSELLI CLEANERS  
Pace Project No.: 40218158

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40218158001	MW-2	EPA 8260	371040		
40218158002	TRIP BLANK	EPA 8260	371040		

DRAFT

**REPORT OF LABORATORY ANALYSIS**

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Client Name: Pellucan

**Sample Preservation Receipt Form**

Project # 40248158

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

All containers needing preservation have been checked and noted below:  Yes  No *PKA*

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)					
													BP1U	BP3U	BP3B	BP3N	BP3S
001	AG1U											2.5/5/10					
002	BG1U											2.5/5/10					
<del>003</del>	<del>AG1H</del>											<del>2.5/5/10</del>					
004	<del>AG4S</del>											<del>2.5/5/10</del>					
005	<del>AG4U</del>											<del>2.5/5/10</del>					
006	<del>AG5U</del>											<del>2.5/5/10</del>					
007	<del>AG2S</del>											<del>2.5/5/10</del>					
008	<del>BG3U</del>											<del>2.5/5/10</del>					
009	<del>BP1U</del>											<del>2.5/5/10</del>					
010	<del>BP3U</del>											<del>2.5/5/10</del>					
011	<del>BP3B</del>											<del>2.5/5/10</del>					
012	<del>BP3N</del>											<del>2.5/5/10</del>					
013	<del>BP3S</del>											<del>2.5/5/10</del>					
014	<del>VG9A</del>											<del>2.5/5/10</del>					
015	<del>DG9T</del>											<del>2.5/5/10</del>					
016	<del>VG9U</del>											<del>2.5/5/10</del>					
017	<del>VG9H</del>											<del>2.5/5/10</del>					
018	<del>VG9M</del>											<del>2.5/5/10</del>					
019	<del>VG9D</del>											<del>2.5/5/10</del>					
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 *PKA*  N/A \*If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: <b>Sample Condition Upon Receipt (SCUR)</b>	Document Revised: 26Mar2020
	Document No.: <b>ENV-FRM-GBAY-0014-Rev.00</b>	Author: Pace Green Bay Quality Office

### Sample Condition Upon Receipt Form (SCUR)

**Client Name:** Perracon  
 Courier:  CS Logistics  Fed Ex  Speedee  UPS  Waltco  
 Client  Pace Other: \_\_\_\_\_

Project #: \_\_\_\_\_

WO#: 40218158



40218158

**Tracking #:** 2244 111020  
**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: Lot / 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 if shipped on Dry Ice.

**Person examining contents:**  
 Date: 11/11/20 / Initials: SKW  
 Labeled By Initials: SKW

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>449</u>		

**Client Notification/ Resolution:** \_\_\_\_\_    If checked, see attached form for additional comments   
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_

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