

Limited Site Investigation

Sandie's Dry Cleaner & Laundry (Former)
513 Grand Avenue
Little Chute, Outagamie County, Wisconsin

October 11, 2021
BRRTS #02-45-552222
Terracon Project No. 58217064



Prepared for:

Village of Little Chute
Little Chute, Wisconsin

Prepared by:

Terracon Consultants, Inc.
Franklin, Wisconsin

Offices Nationwide
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Geotechnical ■ Environmental ■ Construction Materials ■ Facilities

October 11, 2021



Village of Little Chute
108 West Main Street
Little Chute, Wisconsin 54140

Attention: Mr. David Kittel (electronic only)
Phone: (920) 423-3870
Email: david.kittel@littlechutewi.org

Re: **Limited Site Investigation**
Sandie's Dry Cleaner & Laundry (Former)
513 Grand Avenue
Little Chute, Outagamie County, Wisconsin
BRRTS #02-45-552222
Terracon Project No. 58217064

Dear Mr. Kittel:

At your request, Terracon Consultants, Inc. (Terracon) has completed a Limited Site Investigation (LSI) for the above-referenced property. This investigation was performed in general accordance with the scope of services detailed in Terracon Proposal No. P58217064 dated April 14, 2021.

Terracon appreciates the opportunity to provide these services for you. If you have any questions or comments regarding our report, please contact us at (414) 423-0255.

Sincerely,

The Terracon logo is repeated in a smaller size, rendered in the same dark red color as the main logo at the top of the page.

A handwritten signature in black ink that reads "Krista L. Kroeninger".

Krista L. Kroeninger
Staff Geologist

A handwritten signature in black ink that reads "Scott A. Hodgson".

Scott A. Hodgson, P.G.
Senior Project Manager

Enclosure

Copy to: Ms. Jennifer Borski, WDNR (Electronically Only)

KLK/EAB/SAH:klk/N:\Projects\2021\58217064\PROJECT DOCUMENTS (Reports-Letters-Drafts to Clients)\LSI_Sandies.docx



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

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**LIMITED SITE INVESTIGATION REPORT
SANDIE'S DRY CLEANER & LAUNDRY (FORMER)
513 GRAND AVENUE
LITTLE CHUTE, OUTAGAMIE COUNTY, WISCONSIN**

**TERRACON PROJECT NO. 58217064
BRRTS #02-45-552222
October 11, 2021**

1.0 INTRODUCTION

The Village of Little Chute retained Terracon Consultants, Inc. (Terracon) to perform a Limited Site Investigation (LSI) at the site located at 513 Grand Avenue, Little Chute, Wisconsin (Figure 1, Appendix A). Based on our March 3, 2021, discussion, the Village of Little Chute is considering acquiring the Sandies Dry Cleaner & Laundry (Former) property and the north adjoining Weenies Still property, located at 515 Grand Avenue. The objective of the LSI was to assist the Village of Little Chute to further evaluate soil and groundwater conditions on the Sandies Dry Cleaner & Laundry (Former) property and the north adjoining Weenies Still property. This LSI evaluated 1) soil conditions on the Weenies Still property along the common property boundary, 2) the potential migration of contaminants along utility laterals, and 3) down-gradient groundwater conditions. This report summarizes the findings of the investigation.

1.1 Background Information

The Sandies Dry Cleaners & Laundry (Former) site is located at 513 Grand Avenue, Little Chute, Wisconsin. The property is developed with a two-story building. The first floor is a former dry-cleaning facility that operated from 1957 to approximately 2003 and has been vacant since 2006. There is a vacant apartment on the second floor over the east half of the first floor. The building lies at the center of a series of commercial buildings that is along the west side of Grand Avenue north of the intersection of Grand Avenue and West Lincoln Avenue. Residential properties lie adjacent south and west of the commercial buildings along West Lincoln Avenue and formerly adjacent (prior to demolition) north of the businesses. Commercial areas lie to the west, south, and east of the site. Weenies Still shares part of a wall with the site building on the north side. The Bakers Outlet is approximately 2 feet south of the site building. The Fox River is approximately 0.19 mile to the southwest. The site and surrounding properties are shown on Figure 2, Appendix A.

Dry-cleaning operations at the site reportedly used the solvent tetrachloroethene (a.k.a. Perchloroethylene, perc, or PCE). It is not known whether dry cleaning operations used per- or polyfluoroalkyl substances (PFAS), which are a group of emerging contaminants of concern at historical dry-cleaning operations. There currently are not soil or groundwater standards for PFAS,

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but the Wisconsin Department of Natural Resources (WDNR) has published guidelines for testing and evaluating PFAS and has developed a list of PFAS (Wisconsin 33) to be analyzed where PFAS may be a concern.

A limited environmental investigation was performed by Terracon at the request of the property owner (Mr. Linskens) in preparation for selling the property. On August 13, 2008, two hand auger soil borings were advanced at the site to depths of approximately 8 feet below ground surface (bgs). Boring HA-1 was advanced adjacent to a former dry-cleaning machine, which was located in the north-central portion of the building in the former wash room. This is the same general location in which a previous (historical) dry-cleaning machine was located. Boring HA-2 was advanced adjacent to the western exterior wall of the building near the back door to assess an area where dry-cleaner wastes were disposed in a dumpster. The laboratory report indicated that 125,000 micrograms per kilogram ($\mu\text{g}/\text{kg}$) PCE was detected in the soil sample collected from boring HA-1 at 1-foot bgs and 4,500 $\mu\text{g}/\text{kg}$ of PCE was detected in the soil sample collected from soil boring HA-2 at 3 feet bgs. Both detections exceeded the non-industrial, direct-contact residual contaminant level (RCL) for PCE in soil at the time (1,230 $\mu\text{g}/\text{kg}$; currently the non-industrial, direct-contact RCL for PCE is 33,000 $\mu\text{g}/\text{kg}$). The concentration of PCE detected in both the analyzed soil samples also exceeded its protection of groundwater RCL of 4.5 $\mu\text{g}/\text{kg}$. The laboratory results are summarized in Table 1, Appendix B.

Terracon recommended reporting the release to the WDNR. Following receipt of the notification, the WDNR responded by opening the Bureau of Remediation and Redevelopment Tracking System (BRRTS) Environmental Repair Program (ERP) case #02-45-552222 and issuing a responsible party letter to Mr. Linskens on August 29, 2008, requiring an investigation to determine the magnitude and extent of the contamination. However, Mr. Linskens was not able to proceed. In correspondence dated January 10, 2011, the WDNR determined that Mr. Linskens was financially unable to proceed with the necessary site investigation and remediation and as a result they were proceeding with a deed affidavit to file a notice of contamination on the property.

Due to the high contaminant concentrations documented by Terracon on the property that represented a risk to public health and the environment, the site became a state-lead site. As a result, funding from various sources were used to proceed with site investigation and interim action activities, including a Time-Critical Removal Action by the United States Environmental Protection Agency (USEPA), soil borings, vapor intrusion assessments, and construction, development, and sampling of groundwater monitoring wells. Investigation and interim actions were completed on the site and offsite properties by the Wisconsin Department of Health Services (WDHS), USEPA, and other consultants under contract with the WDNR from 2008 to 2018. The analytic test results indicated the presence of chlorinated solvent constituents in vapor, soil, and groundwater. Terracon was retained by the WDNR to prepare a *Site Investigation and Interim Action Report*, dated December 13, 2019, for the Sandies Dry Cleaners & Laundry (Former) project. The report provided compilation and documentation of the site investigation and interim

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action activities and recommendations for additional work necessary to complete the investigation.

Based on our March 3, 2021, discussion, the Village of Little Chute is considering acquiring the Sandies Dry Cleaner & Laundry (Former) property and the north adjoining Weenies Still property, located at 515 Grand Avenue. We understand these properties would be combined with other adjoining parcels to facilitate development. Previous phases of investigation on the Weenies Still property have been limited to sub-slab vapor samples, ambient air samples, and one exterior boring/temporary well (SDC-GP-12) due to a historical lack of access from the owner.

1.2 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. These services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal.

1.3 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.

1.4 Reliance

This LSI report is prepared for the exclusive use and reliance of the Village of Little Chute. Reliance on the LSI report by the client will be subject to the terms, conditions, and limitations stated in our Agreement for Services. Use or reliance by any other party is prohibited without the written authorization of the Village of Little Chute and Terracon.

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Reliance on the LSI by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, LSI report, and Terracon's Agreement. The limitation of liability defined in the Agreement is the aggregate limit of Terracon's liability to the client and all relying parties.

2.0 FIELD ACTIVITIES

2.1 Utility Locating

Terracon conducted the fieldwork under a safety plan developed for this project. Work was performed using USEPA Level D work attire consisting of hard hats, safety glasses, protective gloves, and protective boots. Terracon contacted the State of Wisconsin Diggers Hotline and requested location and markings for all utilities that the service was responsible for before commencing intrusive activities at the site. In addition, a private utility locating service was subcontracted to mark private utilities in the locations of the soil borings.

2.2 Soil Sampling

On July 13, 2021, Terracon supervised the advancement of 8 direct-push soil borings (P-1 through P-8). Soil borings P-1 and P-6 were advanced to 12 feet below ground surface (bgs), and soil borings P-2 and P-3 were advanced to 6 feet bgs. Soil borings P-4, P-5, and P-7 were advanced to 10 feet bgs and soil boring P-8 was advanced to 24 feet bgs. The soil borings were advanced in five areas:

- Borings P-1 through P-3: These borings were located on the Weenies Still property, along the common property boundary with the Sandies Dry Cleaner & Laundry (Former) property, to evaluate whether contamination extends onto the Weenies Still property. Borings P-2 and P-3 were advanced in the basement in the western part of the building, and boring P-1 was advanced west of the building.
- Boring P-4: This boring was located in the Village of Little Chute right-of-way, along the sanitary sewer lateral extending east from the Weenies Still property, to evaluate whether the lateral is a potential migration pathway.
- Boring P-5: This boring was located in the Village of Little Chute right-of-way, along the sanitary sewer lateral extending east from the Sandies Dry Cleaner & Laundry (Former) property, to evaluate whether the lateral is a potential migration pathway.
- Borings P-6 and P-7: These borings were advanced in the Sandies Dry Cleaner & Laundry (Former) building. Boring P-6 was advanced in the western part of the building south of the former dry-cleaning machine excavation to help delineate the extent of potential residual soil contamination in this area. Boring P-7 was advanced along the sanitary sewer lateral in the eastern part of the building to evaluate whether the lateral is a potential migration pathway.

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- Boring P-8: This boring was located in the southwest corner of the south adjoining Bakers Outlet property, to evaluate the down-gradient extent of shallow groundwater contamination and also to evaluate deeper groundwater.

Boring locations are depicted on the Boring Location Map (Figure 3, Appendix A).

Drilling services were performed using hand methods (P-1 through P-3); a small, mobile direct-push sampling rig (P-6 and P-7); or a full-size direct-push sampling rig under the oversight of Terracon personnel. The hand sampling methods used where there was low overhead clearance included using a hand-held jack-hammer to drive the sample barrel. Soil samples were collected continuously at soil borings P-1 through P-3 using a 2-foot long, 2-inch diameter sample barrel and at borings P-4 through P-8 using a 5-foot long, 2-inch diameter core-barrel sampler that was equipped with disposable acetate liners. Drilling equipment was decontaminated before and between uses at each boring location using a high-pressure washer.

Soil samples were screened using a photoionization detector (PID) (RAE Systems, MiniRAE 3000) equipped with a 10.6 electron-volt (e.V.) lamp to detect the presence of volatile organic compounds (VOCs). The PID was calibrated according to the manufacturer's instructions using isobutylene gas at a concentration of 100 parts per million by volume (ppmv) prior to beginning the investigation.

Surficial materials consisted of a clayey silt unit (P-1, P-2, and P-3), a sandy silt unit (P-6 and P-7), and concrete/base course at soil borings at P-4, P-5, and P-10. At soil borings P-1 through P-3 and P-8, surficial units were underlain by a sandy silt or silty sand unit. At soil borings P-4 through P-7 the surficial material is underlain by a silt or clayey silt unit. A silty clay unit extends to the boring terminus (up to 17 feet bgs) in each boring except P-8, which has a clayey silt beneath the silty clay unit to 24 feet bgs. Detailed soil descriptions and PID readings are presented on the soil boring logs included in Appendix C. Selected photographs are included in Appendix D.

Two soil samples were collected from soil borings P-1 through P-4, P-6, and P-7. Three samples were collected from soil borings P-5 and P-8. One soil sample was selected for analysis from the upper 4 feet of soil, and the second soil sample was collected from the unsaturated soil below 4 feet. At P-5 and P-8 locations, one additional soil sample was collected from saturated soil deeper than 10 feet bgs.

Elevated PID readings were not observed. At each soil boring the first sample was collected at 1 foot bgs, except P-5, which was collected at 2 feet bgs. The second sample was collected immediately above the soil to groundwater interface for each boring (4 to 6 feet bgs). At soil boring P-5, the temporary groundwater monitoring well installed was dry and the location in the right-of-way was not conducive to leaving the well in place to equilibrate; therefore, a third soil sample

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was collected at the boring terminus at 10 feet bgs. At soil boring P-8, a third sample was also collected at the boring terminus at 24 feet bgs per the sampling plan.

The soil samples were collected in laboratory-supplied containers, placed in an ice chest to cool to approximately 4 degrees Celsius (°C), and transferred under chain-of-custody protocol to a Wisconsin-certified laboratory for analysis of VOCs by USEPA Method 8260B.

2.3 Temporary Groundwater Monitoring Well Installation

To collect groundwater samples from the borings (P-2, P-3, P-5, P-6, and P-8) temporary groundwater monitoring wells were installed using a 5-foot section of No. 10-slot, 1-inch diameter PVC well screen. The well screens were connected to a 1-inch diameter riser pipe that extended to the ground surface. The temporary groundwater monitoring well screened intervals are as follows:

- P-2 and P-3 were screened from approximately 1 to 6 feet bgs
- P-5 was screened from approximately 5 to 10 feet bgs
- P-6 was screened from approximately 7 to 12 feet bgs
- P-8 was screened from approximately 5 to 10 feet bgs to collect a shallow groundwater sample and an additional temporary well was installed to collect a deep groundwater sample, screened from approximately 19 to 24 feet bgs

Groundwater did not accumulate in temporary groundwater monitoring wells P-3 and P-5. Groundwater did not accumulate in interior temporary groundwater monitoring well P-6 after several hours. Because it was located inside of the Sandies building, the temporary well was left in place and Terracon checked it again on July 20, 2021, at which time it was observed to have enough water to sample. Groundwater samples were collected from temporary groundwater monitoring wells P-2 (in place of P-3), P-6, and P-8 by inserting dedicated high density polyethylene (HDPE) drop tubing and extracting the groundwater with a peristaltic pump. Prior to sample collection, groundwater collected from P-8 and P-2 was purged until generally sediment-free water was produced, and as a result, the samples were not turbid. Due to a slow groundwater recharge rate in P-6, the well was not purged; however, the sample was generally sediment-free. Groundwater samples were collected in laboratory-supplied containers, placed in an ice chest to cool to approximately 4°C, and transported under chain of custody protocol a Wisconsin-certified laboratory for analysis of VOCs by USEPA Method 8260B. A groundwater sample from temporary groundwater monitoring well P-6 was also submitted for analysis of 33 Wisconsin PFAS by the laboratory's Isotope Dilution (ID) Standard Operating Procedure (SOP), which is a modified USEPA Method 537.

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After collecting the groundwater samples, the temporary groundwater monitoring wells and the borings were abandoned in general accordance with NR 141, Wisconsin Administrative Code (WAC). The abandonment forms are included in Appendix C.

3.0 ANALYTICAL RESULTS AND DISCUSSION

3.1 Soil Analytical Results

The WDNR has established guidance for the calculation of soil RCLs for direct-contact exposure and the protection of groundwater. Background threshold values (BTVs) have also been established for some metals. The guidance document, *Soil Residual Contaminant Level Determinations using the US EPA Regional Screening Level Web Calculator*, PUB-RR-890, dated January 2014 (using input data updated in December 2018) was used to establish RCLs for the site.

VOCs were not detected above their laboratory analytical limit of detection (LOD) in each soil sample collected from soil borings P-2 through P-5.

Soil samples P-1 (1), P-6 (1), P-6 (5), P-7 (1), P-7 (4), P-8 (1), and P-8 (5) contained at least one VOC detected above its soil to groundwater pathway RCL. PCE was detected above its soil to groundwater pathway RCL in each of these samples at concentrations ranging from 176 µg/kg detected in P-7 (4) to 10,500 µg/kg detected in P-6 (1). Trichloroethene (TCE) (P-6 [1]), cis-1,2-Dichloroethene (P-8 [5]), benzene (P-8 [1]), n-propylbenzene (P-8 [1]), and naphthalene (P-6 [1], P-6 [5], P-7 [1], and P-8 [1]) were all detected above their respective soil to groundwater pathway RCLs. These VOC concentrations did not exceed their respective direct-contact RCL.

A soil contamination map for PCE and TCE is depicted on Figure 4, Appendix A. The VOC soil analytical data are summarized in Table 1. The laboratory report and chain of custody form are included in Appendix E.

3.2 Groundwater Analytical Results

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 its PAL, but is below its 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. NR 141, WAC, groundwater quality enforcement standards (ESs) and preventive action limits (PALs) have not been established for a majority of PFAS. The WDNR proposed the enforcement standards and the Wisconsin Department of Health Services (DHS) proposed the PAL for those compounds

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(<https://www.dhs.wisconsin.gov/water/gws-cycle10.htm>) where standards are recommended by DHS.

VOCs were not detected above their LODs in the groundwater samples collected from temporary groundwater monitoring well P-2. PCE was detected in the groundwater sample collected from P-6 and both the shallow and deep groundwater sample collected from P-8 above its ESs. Temporary groundwater monitoring wells P-6 and P-8 (shallow and deep) have been impacted by TCE above its PAL. Cis-1,2-Dichloroethene was also detected in P-6 and P-8, however, the concentration was below its PAL.

Multiple PFAS were detected above their respective LOD in temporary monitoring well P-6. Perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS), and N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA) were detected above their combined ES of 20 nanograms per liter (ng/L). Perfluorononanoic acid (PFNA) and perfluorohexanesulfonic acid (PFHxS) were detected above their respective proposed PALs.

A groundwater contamination map for PCE and TCE is depicted on Figure 5, Appendix A. Groundwater sample data are summarized in Tables 2 and 3, Appendix B. The laboratory report and the chain of custody form are included in Appendix E.

4.0 SUMMARY

The objective of the LSI was to assist the Village of Little Chute to further evaluate soil and groundwater conditions on the Sandies Dry Cleaner & Laundry (Former) property and the north adjoining Weenies Still property as a basis to assess and estimate potential environmental costs during redevelopment.

Soil samples were collected from 8 borings drilled at the site and adjoining properties (P-1 through P-8). Soil samples were screened using a PID; PID responses measured were relatively minor or indicative of background readings. During the July 13, 2021, sampling event, three soil samples each from borings P-5 and P-8 and two soil samples each from borings P-1 through P-4 and P-6 through P-7 were submitted for laboratory analysis of VOCs.

At least one VOC was detected above soil to groundwater pathway RCLs in soil samples P-1 (1), P-6 (1), P-6 (5), P-7 (1), P-7 (4), P-8 (1), and P-8 (5). Chlorinated volatile organic compounds (CVOCs) were detected beneath and downgradient of Sandies Dry Cleaners & Laundry (Former) and in the shallow soil along the adjoining wall around P-1 at Weenies Still. PCE was detected above its soil to groundwater pathway RCL in each boring with exceedances. VOCs were not detected at concentrations exceeding their LODs in the other soil samples collected during this LSI.

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Soil borings P-2, P-3, P-5, P-6, and P-8 were converted to temporary groundwater monitoring wells, but groundwater samples could only be collected from temporary groundwater monitoring wells P-2, P-6, and P-8 (shallow and deep). The groundwater samples from each well were analyzed for VOCs and groundwater samples from P-6 were also analyzed for PFAS.

Similar to the soil results, the groundwater contamination plume encompassing P-6 and P-8 consists primarily of PCE and TCE. The CVOC-impacted soil and groundwater at P-8 indicate that the CVOC plume likely extends south and may have impacted the utility laterals along Lincoln Avenue.

The results of the laboratory analysis from the July 20, 2021, sampling event indicated that 13 PFAS compounds were detected in the groundwater. PFNA and PFHxS were detected above their respective proposed PALs and PFOA, PFOS, and NEtFOSAA were detected above their respective proposed ESs in temporary monitoring well P-6. Based on the PFAS concentrations in P-6, there is a PFAS plume beneath Sandies Dry Cleaners & Laundry (Former).

5.0 CONCLUSIONS AND RECOMMENDATIONS

The significance of the results summarized above along with previous investigation results, as they pertain to redevelopment and regulatory closure, are as follows:

- PCE detected above its soil to groundwater pathway RCL at soil boring P-1 and previous boring SDC-GP-3, located west of the Weenies Still building and north of the Sandies Dry Cleaner & Laundry (Former) building indicate that the extent of PCE contamination has not been defined in this area. Additional investigation west and north of these soil borings will be necessary to define the lateral extent of soil contamination for regulatory closure and to evaluate how the soil in this area can be addressed during redevelopment. Groundwater investigation will also be required in this area to determine the extent of the groundwater contaminant plume as a potential source for vapor intrusion into nearby structures and for regulatory closure.
- Relatively high soil PCE concentrations at soil borings P-6 and P-7, inside the Sandies Dry Cleaner & Laundry (Former) building, suggest that significant soil contamination remains under the footprint of the building to depths greater than 5 feet below floor grade. This soil would likely require removal and proper treatment/disposal offsite during redevelopment. Up to approximately 750 cubic yards (1,125 tons) may have to be removed and disposed offsite at a landfill. This volume of contaminated soil may potentially be reduced by advancing additional borings inside the Sandies Dry Cleaner & Laundry (Former) building prior to

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redevelopment to further delineate the magnitude and extent of the contaminated soil.

- Relatively high PCE concentrations in shallow soil at soil boring P-8, located near the southwestern corner of the building (505 Grand Avenue) south of the Sandies Dry Cleaner & Laundry (Former) building, suggest this is a heretofore unknown source area. This will require additional investigation to delineate the magnitude and extent of the soil contamination in this area. Once delineated, remedial measures may need to be developed to address this source area.
- The groundwater results from the temporary groundwater monitoring wells at P-6 and P-8 (shallow and deep) indicate that PCE was detected above its ES at these locations suggesting that the groundwater plume above the ES extends offsite to the south. Additional groundwater investigation will be necessary to define the magnitude and extent of the PCE groundwater plume in each direction from the Sandies Dry Cleaner & Laundry (Former) building to determine the extent of the groundwater contaminant plume as a potential source for vapor intrusion into nearby structures and for regulatory closure. This may include installation of additional temporary groundwater monitoring wells prior to construction of NR 141, WAC-compliant monitoring wells. Additional NR 141 monitoring wells will be necessary to the northeast, west, southwest, and south of the existing monitoring well network, south and east of temporary monitoring well P-8, east of the Sandies Dry Cleaner & Laundry (Former) building, and north of Weenies Still. Once the PCE groundwater plume is defined, quarterly monitoring for a minimum of 2 years may be required prior to closure. The additional groundwater investigation can be performed prior to, concurrent with, or after redevelopment.
- The PFAS groundwater results indicate that a PFAS plume above the recommended ESs exists at the site. Additional quarterly or periodic PFAS groundwater sampling throughout the monitoring well network described above may be required to delineate the PFAS groundwater plume and establish plume stability for regulatory closure.
- Additional vapor intrusion investigation and potential mitigation will be required for regulatory closure. Mitigation, if required onsite, may be incorporated into the site redevelopment. WDNR guidance indicates that vapor intrusion investigation should be performed in structures that lie within 100 feet of the edge of the contaminated soil and/or groundwater plumes (once those are defined) and within utility corridors, or other avenues for potential vapor migration. As such, additional vapor intrusion investigation may be required in buildings to the west, south and east of the site.

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Based on the above conclusions, a broad estimate of costs for additional soil, groundwater, and vapor investigation; remediation, and post-closure monitoring and modifications may be on the order of \$500,000. This estimate can be refined as additional data becomes available. Costs can be broadly broken down into three categories as follows:

- \$250,000 Investigation and reporting to define the extent and magnitude of soil, groundwater (VOCs and PFAS), and vapor onsite and offsite. Investigation does not need to be completed prior to redevelopment though some additional investigation may be advantageous prior to redevelopment. Once the groundwater plume is defined, a minimum of 2 years of quarterly monitoring may be required before regulatory closure.
- \$200,000 Remediation/management of soil and vapor mitigation during and after redevelopment including contaminated soil excavation and disposal and vapor barrier or vapor mitigation system(s) incorporated into construction of new buildings. Active vapor mitigation systems may be necessary offsite in the building south of the Sandies building and potentially other buildings east of Grand Avenue and south of Lincoln Avenue.
- \$50,000 Post-Closure monitoring and modifications. Regulatory closure will likely be achieved after redevelopment with continuing obligations such as inaccessible soil contamination, that may become accessible in the future and needs to be properly managed/disposed and operation & maintenance of vapor mitigation system(s). Eventually vapor systems may no longer be needed based on sampling results and could be decommissioned in accordance with WDNR guidance.

6.0 GENERAL COMMENTS

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

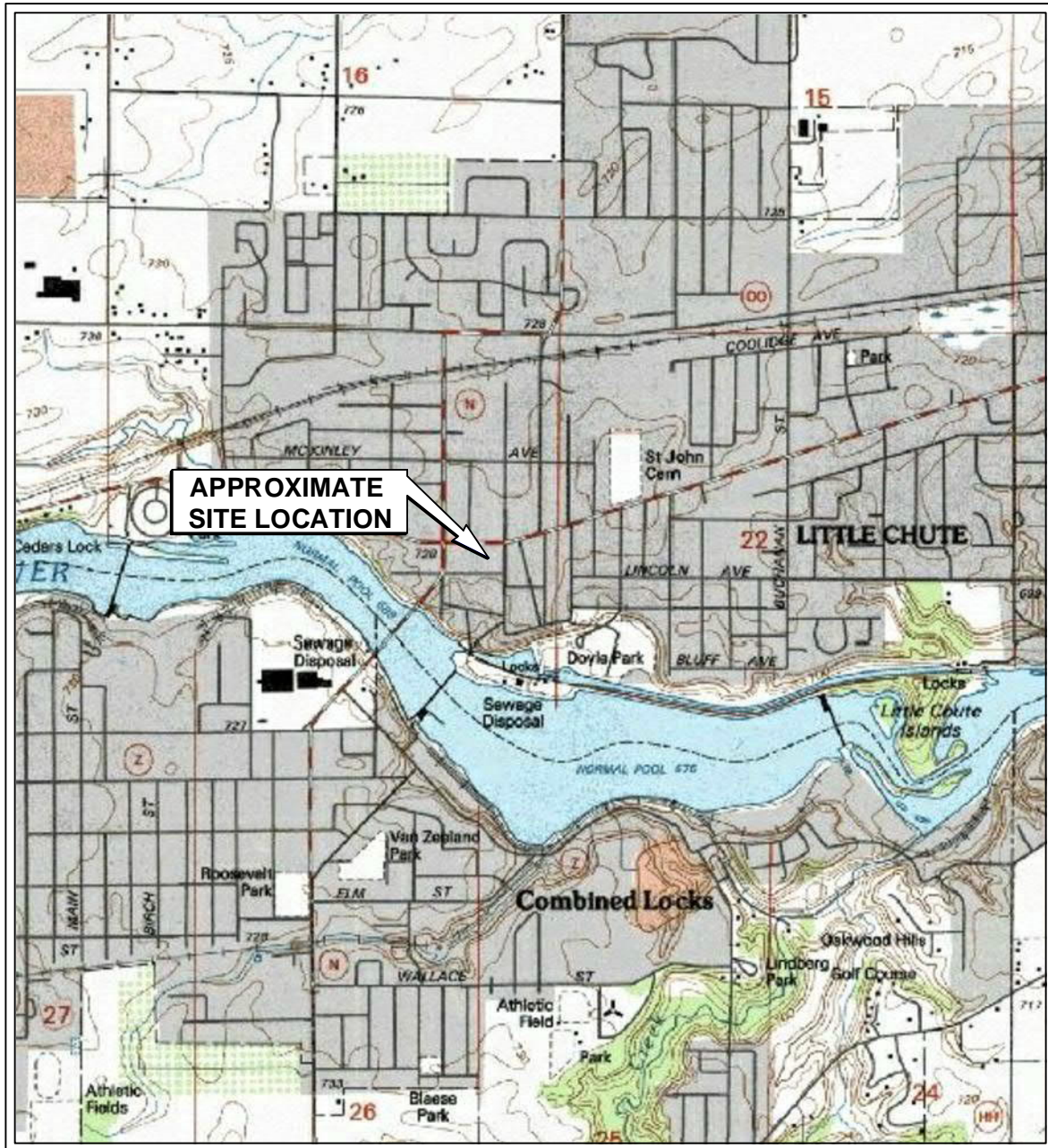
Limited Site Investigation

Sandie's Dry Cleaner & Laundry (Former) ■ Little Chute, Wisconsin

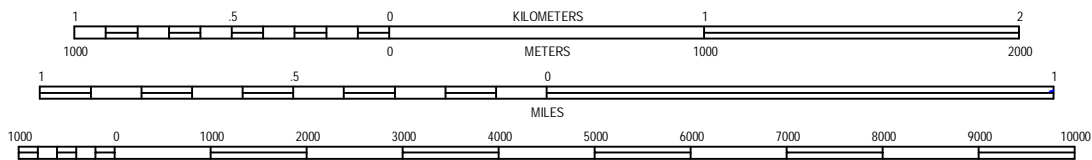
October 11, 2021 ■ Terracon Project No. 58217064



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.



SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

KAUKAUNA QUADRANGLE
OUTAGAMIE COUNTY ~ WISCONSIN
1992
7.5 MINUTE SERIES (TOPOGRAPHIC)

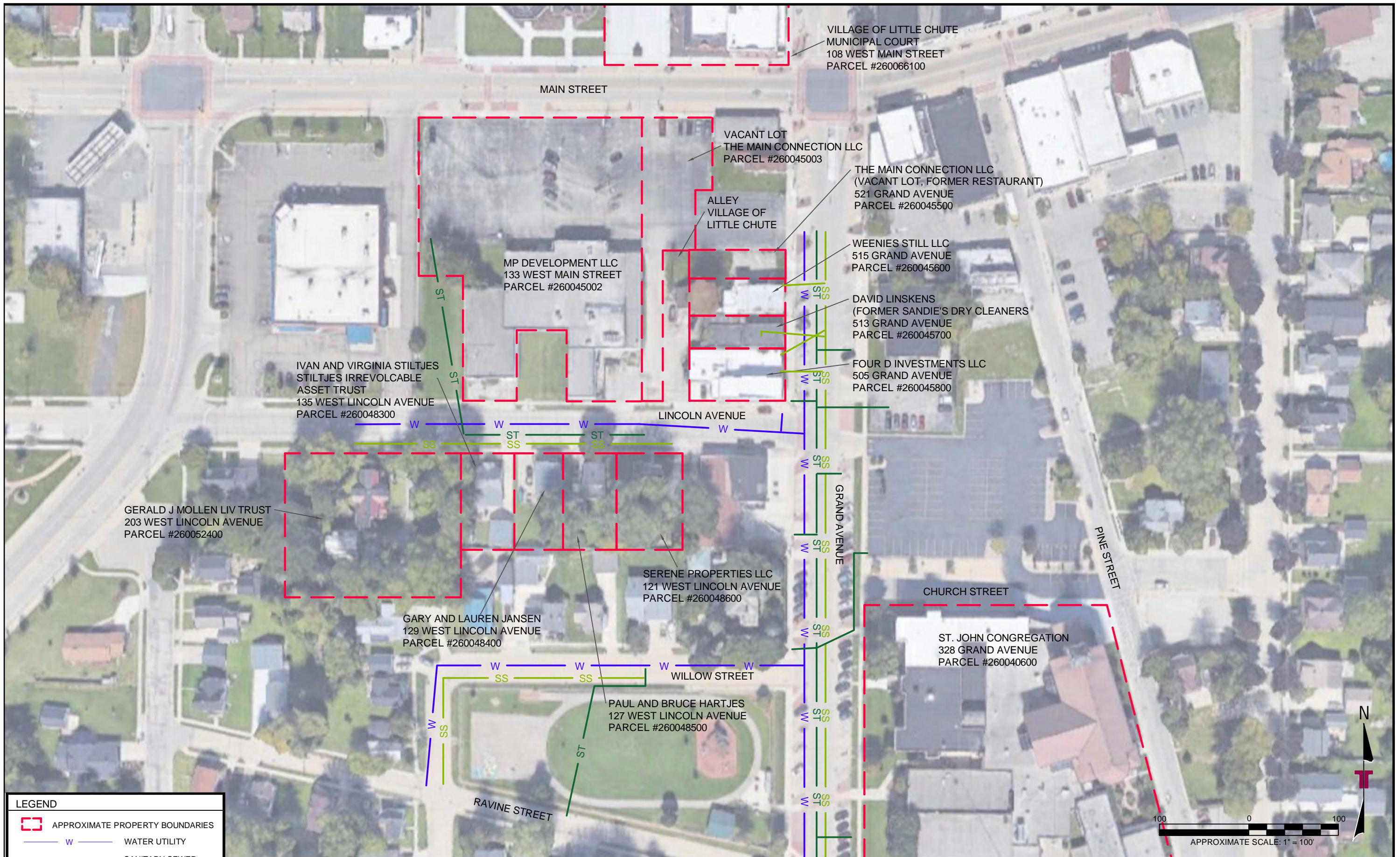
DIAGRAM IS FOR GENERAL LOCATION ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	KLK
Project No:	58217064
Drawn By:	PJS
Scale:	AS SHOWN
Checked By:	KLK
File No.:	58217064C1
Approved By:	SAH
Date:	03/2019

Terracon
Consulting Engineers and Scientists
9856 SOUTH 57th STREET FRANKLIN, WI 53132
PH. (414) 423-0255 FAX. (414) 423-0566

SITE LOCATION MAP
SANDIES DRY CLEANER & LAUNDRY (FORMER) 513 GRAND AVENUE LITTLE CHUTE, WISCONSIN

FIGURE
1
(EX1 TOPO)



LEGEND

- APPROXIMATE PROPERTY BOUNDARIES
- W WATER UTILITY
- SS SANITARY SEWER
- ST STORM SEWER

SANITARY SEWER LATERAL LOCATIONS
ESTIMATED FROM VILLAGE OF LITTLE
CHUTE-PROVIDED UTILITY DRAWINGS

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

Project Mngr:	KLK	Project No.:	58187198
Drawn By:	PJS	Scale:	AS-SHOWN
Checked By:	PJS	File No.:	58187198
Approved By:	SAH	Date:	08/2019

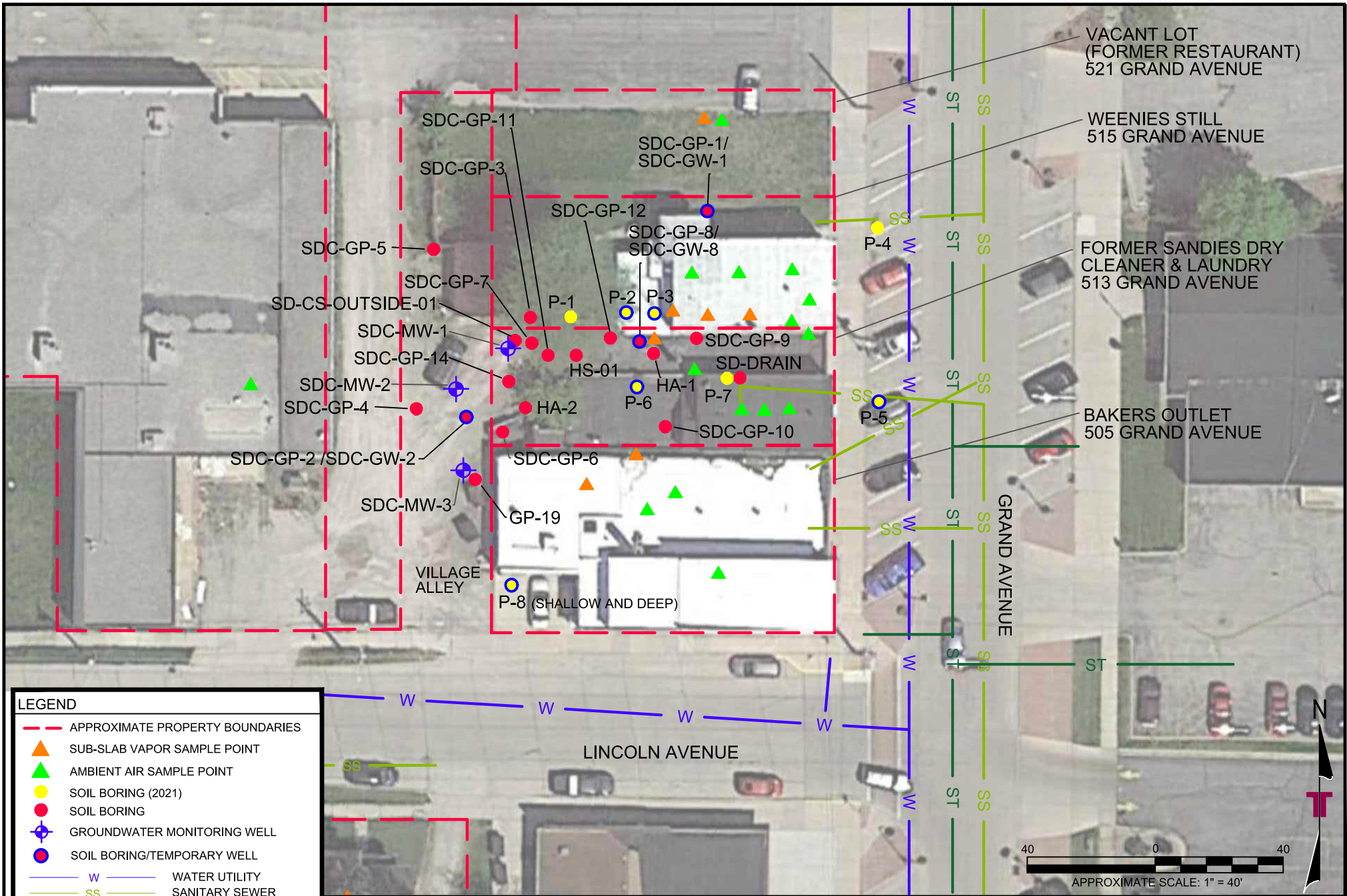
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414-423-0255 414-423-0566

SITE AND VICINITY MAP WITH PARCEL INFORMATION

SANDIES DRY CLEANER & LAUNDRY (FORMER)
513 GRAND AVENUE
LITTLE CHUTE, WISCONSIN

FIGURE
2



LEGEND	
	APPROXIMATE PROPERTY BOUNDARIES
	SUB-SLAB VAPOR SAMPLE POINT
	AMBIENT AIR SAMPLE POINT
	SOIL BORING (2021)
	SOIL BORING
	GROUNDWATER MONITORING WELL
	SOIL BORING/TEMPORARY WELL
	W WATER UTILITY
	SS SANITARY SEWER
	ST STORM SEWER
SANITARY SEWER LATERAL LOCATIONS ESTIMATED FROM VILLAGE OF LITTLE CHUTE-PROVIDED UTILITY DRAWINGS	

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

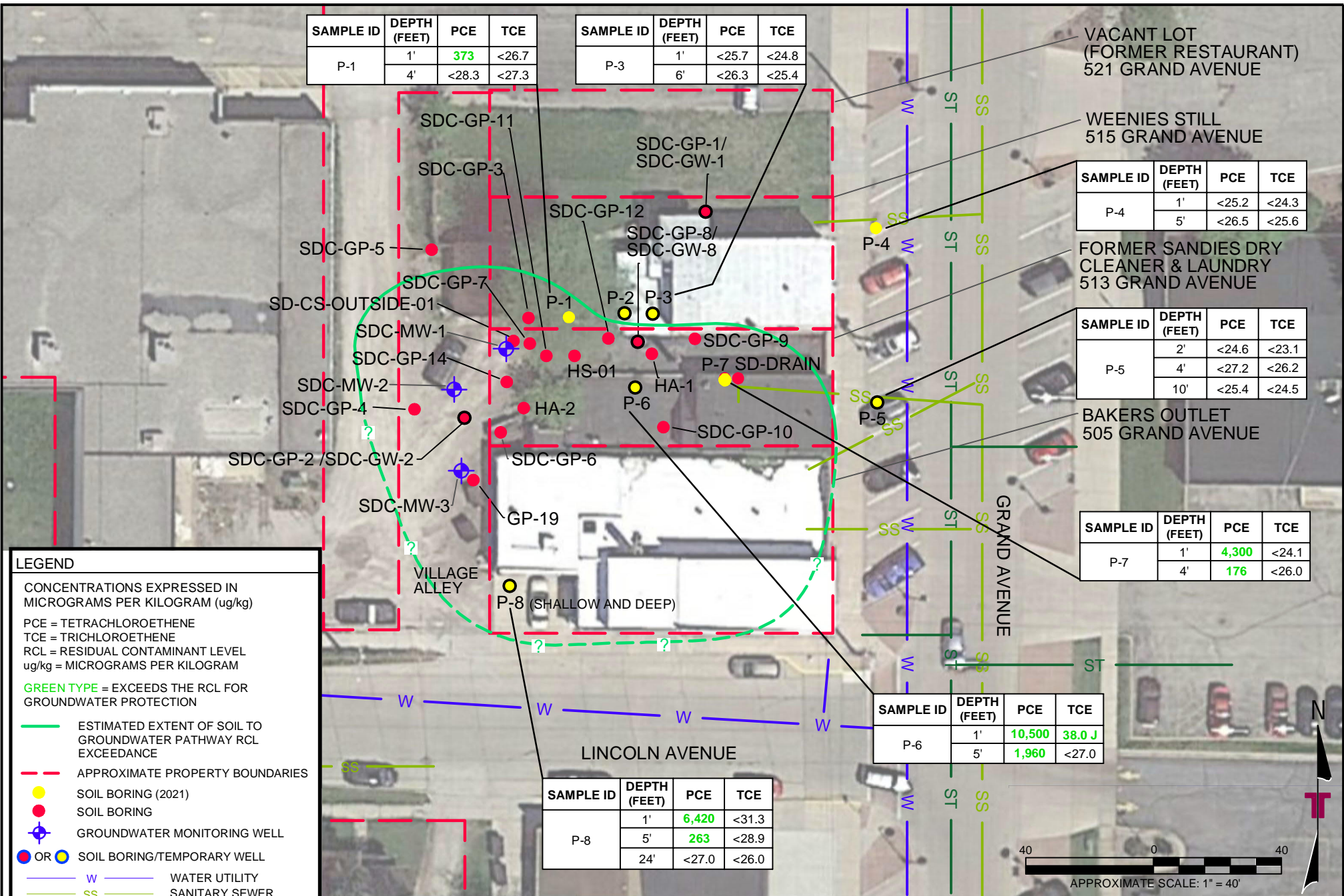
Project Mngr:	KLK	Project No.	58217064
Drawn By:	PJS	Scale:	AS SHOWN
Checked By:	KLK	File No.	58217064C1
Approved By:	SAH	Date:	9/2021

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BORING LOCATION MAP	
SANDIES DRY CLEANER & LAUNDRY (FORMER)	
513 GRAND AVENUE LITTLE CHUTE, WISCONSIN	

FIGURE
3



SAMPLE ID	DEPTH (FEET)	PCE	TCE
P-1	1'	373	<26.7
	4'	<28.3	<27.3

SAMPLE ID	DEPTH (FEET)	PCE	TCE
P-3	1'	<25.7	<24.8
	6'	<26.3	<25.4

VACANT LOT (FORMER RESTAURANT)
521 GRAND AVENUE

WEENIES STILL
515 GRAND AVENUE

SAMPLE ID	DEPTH (FEET)	PCE	TCE
P-4	1'	<25.2	<24.3
	5'	<26.5	<25.6

FORMER SANDIES DRY CLEANER & LAUNDRY
513 GRAND AVENUE

SAMPLE ID	DEPTH (FEET)	PCE	TCE
P-5	2'	<24.6	<23.1
	4'	<27.2	<26.2
	10'	<25.4	<24.5

BAKERS OUTLET
505 GRAND AVENUE

SAMPLE ID	DEPTH (FEET)	PCE	TCE
P-7	1'	4,300	<24.1
	4'	176	<26.0

SAMPLE ID	DEPTH (FEET)	PCE	TCE
P-6	1'	10,500	38.0 J
	5'	1,960	<27.0

SAMPLE ID	DEPTH (FEET)	PCE	TCE
P-8	1'	6,420	<31.3
	5'	263	<28.9
	24'	<27.0	<26.0

LEGEND

CONCENTRATIONS EXPRESSED IN MICROGRAMS PER KILOGRAM (ug/kg)
 PCE = TETRACHLOROETHENE
 TCE = TRICHLOROETHENE
 RCL = RESIDUAL CONTAMINANT LEVEL
 ug/kg = MICROGRAMS PER KILOGRAM

GREEN TYPE = EXCEEDS THE RCL FOR GROUNDWATER PROTECTION

- ESTIMATED EXTENT OF SOIL TO GROUNDWATER PATHWAY RCL EXCEEDANCE
- APPROXIMATE PROPERTY BOUNDARIES
- SOIL BORING (2021)
- SOIL BORING
- GROUNDWATER MONITORING WELL
- OR SOIL BORING/TEMPORARY WELL
- W WATER UTILITY
- SS SANITARY SEWER
- ST STORM SEWER

SANITARY SEWER LATERAL LOCATIONS ESTIMATED FROM VILLAGE OF LITTLE CHUTE-PROVIDED UTILITY DRAWINGS

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

Project Mngr:	KLK	Project No.:	58217064
Drawn By:	PJS	Scale:	AS SHOWN
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Approved By:	SAH	Date:	9/2021

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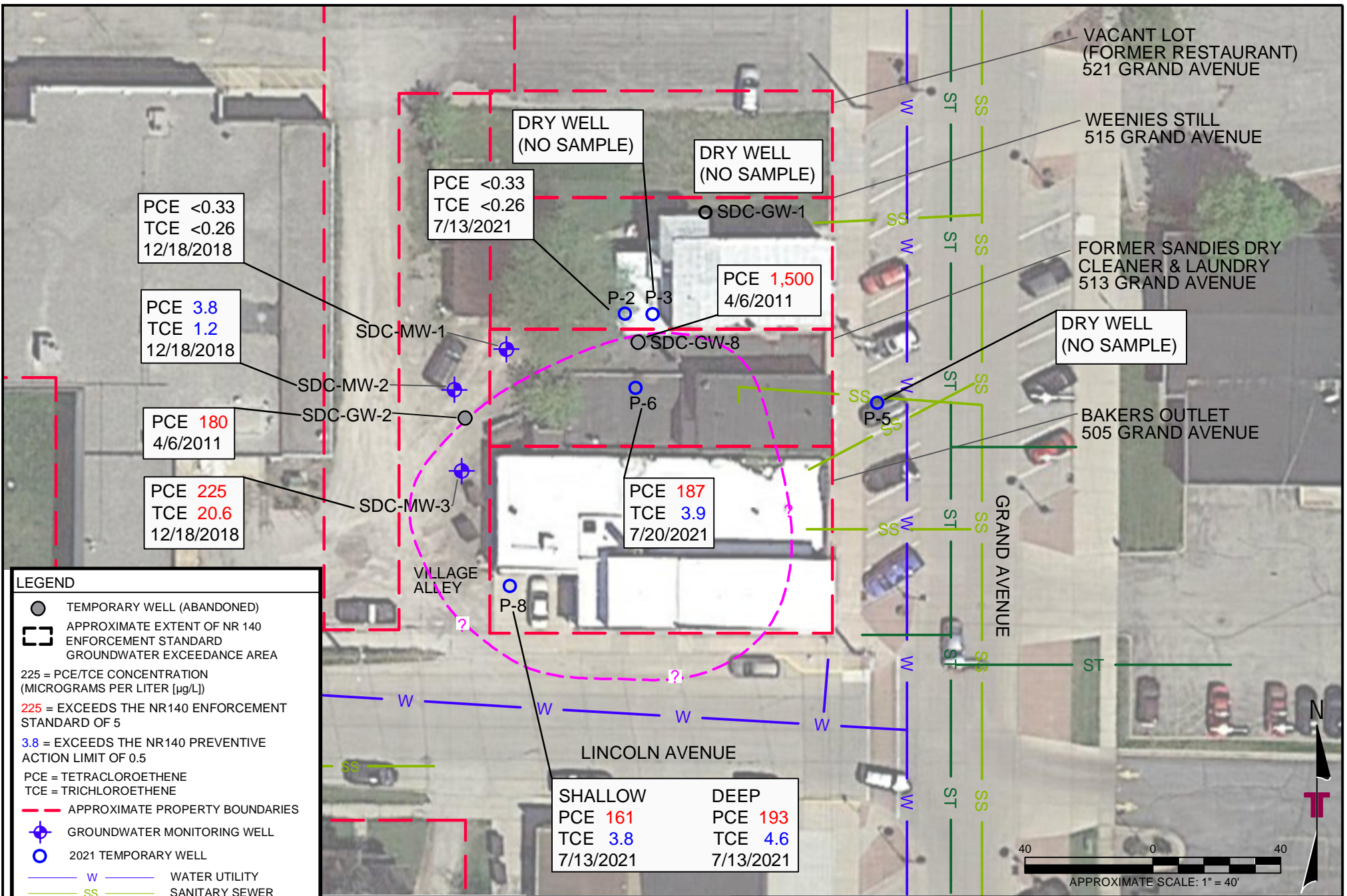
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 PH. (414) 423-0255 FAX. (414) 423-0566

SOIL ISOCONCENTRATION MAP (JULY 2021)

SANDIES DRY CLEANER & LAUNDRY (FORMER)
 513 GRAND AVENUE
 LITTLE CHUTE, WISCONSIN

FIGURE

4



LEGEND

- TEMPORARY WELL (ABANDONED)
- APPROXIMATE EXTENT OF NR 140 ENFORCEMENT STANDARD GROUNDWATER EXCEEDANCE AREA
- 225 = PCE/TCE CONCENTRATION (MICROGRAMS PER LITER (µg/L))
- 225 = EXCEEDS THE NR140 ENFORCEMENT STANDARD OF 5
- 3.8 = EXCEEDS THE NR140 PREVENTIVE ACTION LIMIT OF 0.5
- PCE = TETRACHLOROETHENE
- TCE = TRICHLOROETHENE
- APPROXIMATE PROPERTY BOUNDARIES
- ⊕ GROUNDWATER MONITORING WELL
- 2021 TEMPORARY WELL
- W WATER UTILITY
- SS SANITARY SEWER
- ST STORM SEWER

SANITARY SEWER LATERAL LOCATIONS ESTIMATED FROM VILLAGE OF LITTLE CHUTE-PROVIDED UTILITY DRAWINGS

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

Project Mngr:	KLK	Project No.	58217064
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GROUNDWATER ISOCONCENTRATION MAP (JULY 2021)

SANDIES DRY CLEANER & LAUNDRY (FORMER)
 513 GRAND AVENUE
 LITTLE CHUTE, WISCONSIN

FIGURE
 5

APPENDIX B

TABLES 1 THROUGH 3

TABLE 1
Historical Soil Analytic Test Results Summary

Sandies Dry Cleaner & Laundry (Former)
Little Chute, Wisconsin
Terracon Project No. 58217064

		Chlorinated VOCs of Concern (µg/kg)					Other Volatile Organic Compounds (µg/kg)													TCLP (mg/L)	
		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Acetone (2-Propanone)	Benzene	2-Butanone (Methyl Ethyl Ketone)	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride*	Naphthalene	n-Propylbenzene	1,1,1,2-Tetrachloroethane	1,2,4-Trimethylbenzene	Toluene	m,p-Xylene	o-Xylene	Total Xylenes	TCLP Tetrachloroethene (mg/L)
Protection of Groundwater RCL ¹		4.5	3.6	41.2	62.6	6.1	3.67	5.10	1,666	1,570		2.6			53.4		1,107.2		3,960.00		NE
Non-Industrial Direct-Contact RCL ²		33,000	1,300	156,000	1,560,000	67	63,400,000	1,600	2,800,000	8,020		61,800			2,780		818,000		260,000		NE
Industrial Direct-Contact RCL ²		145,000	8,410	2,340,000	1,850,000	2,080	100,000,000	7,070	28,400,000	35,400		1,150,000			12,300		818,000		260,000		NE
20 x NR 661, Table 2, Regulatory Level (mg/L) ³		14	10	NE	NE	4	NE	NE	NE	NE		NE			NE		NE	NE	NE	NE	0.7
Sample Location (Depth in Feet)	Sample Date																				
Terracon 2008 Limited Site Investigation																					
HA-1(1)	8/13/2008	125,000	<2,000	<2,400	<2,900	<1,700	--	<2,000	--	<1,600	<4,400			<2,700		<2,300	<3,300	<1,500	<4,800		-
HA-2(3)	8/13/2008	4,500	<20	<24	<29	<17	--	<20	--	<16	<44			<27		<23	<33	<15	<48		-
OTIE 2011 Site Assessment																					
SDC-GP-1-3'	4/6/2011	<6.1	<6.1	<6.1	<6.1	<12	68	<6.1	<12	1.5 J	<24			<12		1.8 J	2.5 J	<6.1	2.5 J		-
SDC-GP-2-2'	4/6/2011	700	100	64	16	<11	170	<5.7	16	1.4 J	<23			<11		2.1 J	2.4 J	<5.7	2.4 J		-
SDC-GP-3-2_5' (2.5')	4/6/2011	120	<6.8	<6.8	<6.8	<14	160	2.4 J	11 J	1.4 J	<27			<14		4.9 J	3.0 J	<6.8	3.0 J		-
SDC-GP-4-4'	4/6/2011	5.5	1.4 J	<5.7	<5.7	<11	30 J	3.1 J	<11	4.0 J	<23			<11		8.4	6.4	2.3 J	8.8		-
SDC-GP-5-3_5' (3.5')	4/6/2011	<9.3	<9.3	<9.3	<9.3	<19	150	<9.3	<19	2.0 J	<37			<19		2.4 J	4.5 J	<9.3	4.5 J		-
SDC-GP-6-14'	4/6/2011	36,000	<240	<240	<240	<490	<2,400	<240	<490	<240	<970			<490		<240	<240	<240	<240		-
SDC-GP-7-1_5' (1.5')	4/6/2011	1,300	<300	<300	<300	<600	<3,000	<300	<600	<300	<1,200			<600		<300	<300	<300	<300		-
SDC-GP-8-1'	4/6/2011	390,000	120 J	<410	<410	<820	<4,100	<410	<820	<410	<1,600			<820		<410	<410	<410	<410		-
SDC-GP-8-1-D'	4/6/2011	1,400,000	430 J	<600	<600	<1,200	<6,000	<600	<1,200	<600	<2,400			<1,200		<600	<600	<600	<600		-
SDC-GP-9-5'	4/6/2011	19	<5.9	<5.9	<5.9	<12	23 J	1.8 J	<12	2.8 J	<23			<12		4.6 J	3.3 J	1.2 J	4.5 J		-
SDC-GP-10-1'	4/6/2011	1,500	<320	<320	<320	<640	<3,200	<320	<640	<320	<1,300			<640		<320	<320	<320	<320		-
SDC-GP-11-2'	4/6/2011	780	<290	<290	<290	<580	<2,900	<290	<580	<290	<1,200			<580		<290	<290	<290	<290		-
SDC-GP-12-0_5' (0.5')	4/6/2011	810,000	810	<430	<430	<850	<4,300	<430	<850	<430	<1,700			110 J		<430	<430	<430	<430		0.11
OTIE 2011 Excavation and Additional Investigation																					
SD-CS-01 (West) (5')	9/23/2011	2,300	<5.5	<5.5	<5.5	<5.5	<83	<5.5	<83	<5.5	<11			--		<5.5	--	--	<17		-
SD-CS-02 (North) (4.5')	9/23/2011	9.7	<5.3	<5.3	<5.3	<5.3	<79	<5.3	<79	<5.3	<11			--		<5.3	--	--	<16		-
SD-CS-03 (Bottom) (6')	9/23/2011	23	<5.7	<5.7	<5.7	<5.7	<85	<5.7	<85	<5.7	<11			--		<5.7	--	--	<17		-
SDC-GP-14-11'	9/29/2011	6,700	2.7 J	1.7 J	<0.78	<1.3	13 J	2.4 J	<2.8	3.1 J	<6.8			0.60 J		5.4	3.4 J	1.7 J	5.0		-
SDC-GP-19-11'	9/29/2011	180	3.0 J	1.5 J	<0.72	<1.2	9.5 J	1.9 J	<2.6	2.0 J	<6.3			<0.43		4.3	2.1 J	0.83 J	2.9 J		-
SD-HS-01-25"	9/29/2011	12,000	<0.68	<0.61	<0.76	<1.3	22 J	2.2 J	<2.7	4.3	<6.6			1.5 J		4.8	3.7 J	2.1 J	5.8		-
SD-Drain-2'	9/30/2011	240	<0.64	<0.56	<0.71	<1.2	35 J	1.4 J	5.9 J	0.73 J	<6.1			<0.42		2.2 J	<1.1	<0.64	<0.64		-
SD-CS-04 (Int North) (6')	9/28/2011	93	<1.1	<1.0	<1.2	<2.1	22 J	2.5 J	<4.5	2.7 J	<11			<0.75		5.7 J	3.2 J	1.3 J	4.5 J		-
SD-CS-Outside-01 (4')	10/5/2011	2.1 J	<4.9	<4.9	<4.9	<9.7	<49	<4.9	<9.7	<4.9	11 J			<9.7		<4.9	<4.9	<4.9	<4.9		-
SD-CS-Outside-02 (7')	10/5/2011	300	<4.9	<4.9	<4.9	<9.8	<49	<4.9	<9.8	<4.9	12 J			<9.8		<4.9	<4.9	<4.9	<4.9		-
SD-CS-Outside-03 (6.5')	10/5/2011	300	0.94 J	<5.0	<5.0	<10	<50	<5.0	<10	<5.0	12 J			<10		<5.0	<5.0	<5.0	<5.0		-
SD-CS-Outside-04 (6.5')	10/5/2011	160	<4.8	<4.8	<4.8	<9.6	<48	<4.8	<9.6	<4.8	11 J			<9.6		0.99 J	<4.8	<4.8	<4.8		-
SD-CS-Outside-05 (7.5')	10/5/2011	71	<4.8	<4.8	<4.8	<9.6	<48	<4.8	<9.6	<4.8	11 J			<9.6		<4.8	<4.8	<4.8	<4.8		-
SD-CS-Outside-06 (4')	10/5/2011	95	<5.0	<5.0	<5.0	<9.9	<50	<5.0	<9.9	<5.0	10 J			<9.9		1.0 J	<5.0	<5.0	<5.0		-

TABLE 1
Historical Soil Analytic Test Results Summary

Sandies Dry Cleaner & Laundry (Former)
Little Chute, Wisconsin
Terracon Project No. 58217064

		Chlorinated VOCs of Concern (µg/kg)					Other Volatile Organic Compounds (µg/kg)														TCLP (mg/L)
		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Acetone (2-Propanone)	Benzene	2-Butanone (Methyl Ethyl Ketone)	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride*	Naphthalene	n-Propylbenzene	1,1,1,2-Tetrachloroethane	1,2,4-Trimethylbenzene	Toluene	m,p-Xylene	o-Xylene	Total Xylenes	TCLP Tetrachloroethene (mg/L)
Protection of Groundwater RCL ¹		4.5	3.6	41.2	62.6	6.1	3.67	5.10	1,666	1,570		2.6			53.4		1,107.2			3,960.00	NE
Non-Industrial Direct-Contact RCL ²		<u>33,000</u>	<u>1,300</u>	<u>156,000</u>	<u>1,560,000</u>	<u>67</u>	<u>63,400,000</u>	<u>1,600</u>	<u>2,800,000</u>	<u>8,020</u>		<u>61,800</u>			<u>2,780</u>		<u>818,000</u>			<u>260,000</u>	NE
Industrial Direct-Contact RCL ²		145,000	8,410	2,340,000	1,850,000	2,080	100,000,000	7,070	28,400,000	35,400		1,150,000			12,300		818,000			260,000	NE
20 x NR 661, Table 2, Regulatory Level (mg/L) ³		14	10	NE	NE	4	NE	NE	NE	NE		NE		NE		NE	NE	NE	NE	NE	0.7
Terracon 2021 LSI																					
P-1 (1)	7/13/2021	373	<26.7	<15.3	<15.4	<14.4	NR	<17.0	NR	<17.0	<19.3	<19.8	<22.3	<17.1	<17.1	<21.3	<18.0	<30.1	<21.4	<51.5	-
P-1 (4)	7/13/2021	<28.3	<27.3	<15.6	<15.8	<14.8	NR	<17.4	NR	<17.4	<19.7	<20.3	<22.8	<17.5	<17.5	<21.8	<18.4	<30.8	<21.9	<52.7	-
P-2 (1)	7/13/2021	<29.4	<28.3	<16.2	<16.4	<15.3	NR	<18.0	NR	<18.0	<20.5	<21.1	<23.6	<18.2	<18.2	<22.6	<19.1	<32.0	<22.7	<54.7	-
P-2 (6)	7/13/2021	<27.3	<26.4	<15.1	<15.2	<14.2	NR	<16.4	NR	<16.8	<19.0	<19.6	<22.0	<16.9	<16.9	<21.0	<17.8	<29.7	<21.1	<50.8	-
P-3 (1)	7/13/2021	<25.7	<24.8	<14.2	<14.3	<13.4	NR	<15.8	NR	<15.8	<17.9	<18.4	<20.7	<15.9	<15.9	<19.7	<16.7	<27.9	<19.9	<47.8	-
P-3 (6)	7/13/2021	<26.3	<25.4	<14.5	<14.7	<13.7	NR	<16.2	NR	<16.2	<18.3	<18.9	<21.2	<16.3	<24.6	<20.2	<17.1	<28.7	<20.4	<49.1	-
P-4 (1)	7/13/2021	<25.2	<24.3	<13.9	<14.0	<13.1	NR	<15.5	NR	<15.5	<17.5	<18.1	<20.3	<15.6	<15.6	<53.4	<16.4	<27.4	<19.5	<46.9	-
P-4 (5)	7/13/2021	<26.5	<25.6	<14.6	<14.8	<13.8	NR	<16.3	NR	<16.3	<18.5	<19.0	<21.3	<16.4	<16.4	<20.4	<17.2	<28.9	<20.5	<49.4	-
P-5 (2)	7/13/2021	<24.6	<23.1	<13.6	<13.7	<12.8	NR	<15.1	NR	<15.1	<17.2	<17.1	<19.8	<15.2	<15.2	<18.9	<16.0	<26.8	<19.1	<45.9	-
P-5 (4)	7/13/2021	<27.2	<26.2	<15.0	<15.1	<14.1	NR	<16.7	NR	<16.7	<18.9	<19.5	<21.8	<16.8	<16.8	<20.9	<17.6	<29.5	<21.0	<50.5	-
P-5 (10)	7/13/2021	<25.4	<24.5	<14.0	<14.1	<13.2	NR	<15.6	NR	<15.6	<17.7	<18.2	<20.4	<15.7	<15.7	<19.5	<16.5	<27.6	<19.6	<47.2	-
P-6 (1)	7/13/2021	10,500	38.0 J	<15.8	<15.9	<14.9	NR	<17.5	NR	<17.5	<19.9	<20.5	30.4 J	<17.7	<17.7	<22.0	19.9 J	<31.1	<22.1	<52.2	-
P-6 (5)	7/13/2021	1,960	<27.0	<15.4	<15.6	<14.6	NR	<17.2	NR	<17.2	<19.5	<20.1	39.9 J	<17.3	<17.3	<21.5	<18.2	<30.4	<21.6	<52.0	-
P-7 (1)	7/13/2021	4,300	<24.1	<13.8	<13.9	<13.0	NR	<15.3	NR	<15.3	<17.4	<17.9	37.6 J	<15.5	<15.5	<19.2	28.5 J	40.5 J	24.7 J	65.2 J	-
P-7 (4)	7/13/2021	176	<26.0	<14.9	<15.0	<14.0	NR	<16.5	NR	<16.5	<18.8	<19.3	<21.7	<16.7	<16.7	<20.7	<17.5	<29.3	<20.9	<50.2	-
P-8 (1)	7/13/2021	6,420	<31.3	<17.9	<18.1	<16.9	NR	57.9	NR	86.2	59.6 J	<23.3	248 J	83.2 J	<20.1	119	393	342	299	641	-
P-8 (5)	7/13/2021	263	<28.9	159	<16.7	<15.6	NR	<18.4	NR	<18.4	<20.8	<21.4	<24.1	<18.5	<18.5	<23.0	<19.4	<32.6	<23.1	<55.7	-
P-8 (24)	7/13/2021	<27.0	<26.0	<14.9	<15.0	<14.1	NR	<16.6	NR	<16.6	<18.8	<19.4	<21.7	<16.7	<16.7	<20.8	<17.6	<29.4	<20.9	<50.3	-

Notes:

RCL = Residual Contaminant Level

VOC = Volatile Organic Compounds

TCLP = Toxicity Characteristic Leaching Procedure

µg/kg = micrograms per kilogram; units are in µg/kg unless otherwise noted

mg/L = milligrams per liter

¹ RCL for groundwater protection were taken from WDNR RR program RCL spreadsheet, December 2018 update. The RCLs were calculated by WDNR using the USEPA RSL calculator with Wisconsin default values per guidance PUB-RR-890, Soil Residual Contaminant Level Determination using the U.S. EPA Regional Screening Level Calculator (January 2014) through the latest update (RR-502h, Decemebr 2018)

² RCL for idustrial and non-industrial direct contact were taken from WDNR RR program RCL spreadsheet, December 2018 update. The RCLs were calculated by WDNR using the USEPA RSL calculator with Wisconsin default values per guidance PUB-RR-890, Soil Residual Contaminant Level Determination using the U.S. EPA Regional Screening Level Calculator (January 2014) through the latest update (RR-502h, Decemebr 2018)

³ 20 x NR 661, Table 2, Regulatory Levels listed in milligrams per liter (equivalent to milligrams per kilogram) for Toxicity

* Methylene chloride is a common laboratory contaminant; reported values are not likely representative of actual conditions

NR = Not Reported

J = Detected between the limit of detection and the limit of quantitation, quantity estimated

" - " Indicates sample was not analyzed or not reported for the particular compound

" < " Indicates compound was not detected above the listed limit of detection

" NE " Indicates standard not established

Italic values indicate compound was detected above the Protection of Groundwater RCL
Underline values indicate compound detected above the non-industrial direct-contact RCL
Bold, italicized values indicate compound detected above the industrial direct-contact RCL

TABLE 2
Historical Groundwater Analytic Test Results Summary

Sandies Dry Cleaner & Laundry (Former)
 Little Chute, Wisconsin
 Terracon Project No. 58217064

		Chlorinated VOCs of Concern (µg/L)					Other Volatile Organic Compounds (µg/L)								
		Tetrachloroethene (PCE)	Trichloroethene (TCE)	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	Acetone	Benzene	Ethylbenzene	Methylene Chloride	1,1,1,2-Tetrachloroethane	Toluene	m,p-Xylene	Total Xylenes	Total VOCs (µg/L)
NR 140, WAC, PAL ¹		<u>0.5</u>	<u>0.5</u>	<u>7</u>	<u>20</u>	<u>0.02</u>	<u>200</u>	<u>0.5</u>	<u>140</u>	<u>0.5</u>	<u>7</u>	<u>160</u>	--	<u>400</u>	---
NR 140, WAC, ES ²		5	5	70	100	0.2	1,000	5	700	5	70	800	--	2,000	---
Sample Location	Sample Date														
Temporary Wells															
SDC-GW-2	4/7/2011	180	<50.0	<50.0	<50.0	<20.0	<50.0	<50.0	<50.0	<100	<100	<50.0	<50.0	<100	180
SDC-GW-8	4/7/2011	1,500	<500	<500	<500	<200	<500	<500	<500	<1000	<1000	<500	<500	<1000	1,500
Temporary Wells-2021															
P-2	7/13/2021	<0.41	<0.32	<0.47	<0.53	<0.17	NR	<0.30	<0.33	<0.32	<0.36	<0.29	<0.70	<1.05	ND
P-6	7/20/2021	187	<u>3.9</u>	3.3	<0.53	<0.17	NR	<0.30	<0.33	<0.32	<0.36	<0.29	<0.70	<1.05	194.2
P-8	7/13/2021	161	<u>3.8</u>	2.1	<0.53	<0.17	NR	<0.30	<0.33	<0.32	<0.38	<0.29	<0.70	<1.05	166.9
P-8 (19-24)	7/13/2021	193	<u>4.6</u>	6.5	<0.53	<0.17	NR	<0.30	<0.33	<0.32	<0.36	<0.29	<0.70	<1.05	204.1
NR 141 Monitoring Wells															
MW-1	12/13/2011	<1.3	<0.90	<0.80	<1.1	<0.90	<5.8	<0.80	<0.90	<3.1	<1.1	<0.90	<1.7	<0.90	ND
MW-1	2/1/2012	<0.50	<0.20	<0.50	<0.50	<0.20	NR	<0.20	<0.50	<1.0	<0.25	<0.50	NR	<0.50	ND
MW-1	12/18/2018	<0.33	<0.26	<0.27	<1.1	<0.17	NR	<0.25	<0.22	<0.58	<0.27	<0.17	<0.47	<0.73	ND
MW-1 (Duplicate)	12/18/2018	<0.33	<0.26	<0.27	<1.1	<0.17	NR	<0.25	<0.22	<0.58	<0.27	<0.17	<0.47	<0.73	ND
MW-2	12/13/2011	8.0	<u>1.4 J</u>	3.7 J	<1.1	<0.90	6.9 J	<0.80	<0.90	<3.1	<1.1	<0.90	<1.7	<0.90	20
MW-2	2/1/2012	5.6	<u>0.59 J</u>	3.5	<0.50	<0.20	NR	<0.20	<0.50	<1.0	<0.25	<0.50	NR	<0.50	9.69
MW-2	12/18/2018	<u>3.8 J</u>	<u>1.2 J</u>	2.1	<1.1	<0.17	NR	<0.25	<0.22	<0.58	<0.27	<0.17	<0.47	<0.73	7.1
MW-3	12/13/2011	310	19	4.6 J	<1.1	<0.90	<5.8	<0.80	<0.90	<3.1	<1.1	<0.90	<1.7	<0.90	333.6
MW-3 (Duplicate)	12/13/2011	310	19	4.5 J	<1.1	<0.90	<5.8	<0.80	<0.90	<3.1	<1.1	<0.90	<1.7	<0.90	333.5
MW-3	2/1/2012	390 J	19	<u>9.5</u>	<0.50	<0.20	NR	<0.20	<0.50	<1.0	<0.25	<0.50	NR	<0.50	418.5
MW-3 (Duplicate)	2/1/2012	270 J	18	<u>9.1</u>	0.88 J	<0.20	NR	<0.20	<0.50	<1.0	<0.25	<0.50	NR	<0.50	297.98
MW-3	12/18/2018	225	20.6	<u>11.9</u>	1.6 J	<0.17	NR	<0.25	<0.22	<0.58	<0.27	<0.17	<0.47	<0.73	259.1

Notes:

¹Wisconsin Administrative Code (WAC), Chapter NR140 Groundwater Quality Preventive Action Limit (PAL)

²Wisconsin Administrative Code (WAC), Chapter NR140 Groundwater Quality Enforcement Standard (ES)

µg/L = indicates micrograms per liter

Underline Italic values indicate compound detected above the listed PAL

Bold values indicate compound detected above the listed ES

< = compound not detected above the listed laboratory limit of detection (LOD)

J = compound detected above the LOD but below the limit of quantitation (LOQ)

NR = Not Reported

TABLE 3
Groundwater Analytic Test Results Summary - PFAS

Sandies Dry Cleaner & Laundry (Former)
 Little Chute, Wisconsin
 Terracon Project No. 58217064

		PFAS Combined Standards--ng/L						Other Per and Polyfluoroalkyl Substances (PFAS)--ng/L									
		Perfluorooctanoic acid (PFOA)	Perfluorooctanesulfonic acid (PFOS)	Perfluorooctanesulfonamide (FOSA)	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	N-ethylperfluorooctane sulfonamidoacetic acid (NEtFOSA)	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorononanoic acid (PFNA)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic Acid (PFHpS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)
Preventive Action Limit (PAL) ¹		2						2,000	NE	<u>30,000</u>	NE	<u>3</u>	<u>90,000</u>	NE	<u>4</u>	NE	NE
Enforcement Standard (ES) ²		20						10,000	NE	150,000	NE	30	450,000	NE	40	NE	NE
Sample Location	Sample Date																
Temporary Monitoring Wells																	
P-6	7/20/2021	66	130	<0.58	0.72 J	<1.3	<0.91	19	36	34	22	<u>6.4</u>	5.3	2.6 J	<u>18</u>	4.1	2.2 J

NOTES:

¹Recommended Wisconsin Administrative Code (WAC), Chapter NR140 Groundwater Quality Preventive Action Limit (PAL) per Wisconsin Department of Health Services, November 2020

²Recommended Wisconsin Administrative Code (WAC), Chapter NR140 Groundwater Quality Enforcement Standard (ES) per Wisconsin Department of Health Services, November 2020

ng/L= nanograms per liter

XX.XX Underline, Italic, and Blue = Exceeds PAL

XX.XX Bold and Red = Exceeds ES

< = compound not detected above the listed laboratory limit of detection (LOD)

J = compound detected above the LOD but below the limit of quantitation (LOQ)

NE = not established

APPENDIX C

SOIL BORING LOGS AND BOREHOLE ABANDONMENT FORMS

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

Facility/Project Name 58217064 Sandies-Weenies Redevelop			License/Permit/Monitoring Number		Boring Number P-1	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started 7/13/2021		Date Drilling Completed 7/13/2021	
Horizon						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
					Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane N, E S/C/N			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 Outagamie	County Code 45	Civil Town/City/ or Village Little Chute		

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	36 30		1.5	Clayey Silt, dark brown, low plastic, firm, moist	ML			<1								
2	36 28		3.0	Silty Clay, brown, medium plastic, firm, moist	CL-ML			<1								* Sample Submitted
			4.5	Silty Sand, brown, fine to medium grained, well graded, wet	SM											* Sample Submitted
3	36 32		6.0	Silty Clay, brown, medium plastic, firm, moist				<1								
			7.5	...soft, wet												
			9.0	...very hard, moist												
4	36 33		12.0	End of Boring @ 12'	CL-ML			<1								

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

Signature <i>Krista Koeninger</i>	Firm Terracon Consultants, Inc. 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Route To: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name 58217064 Sandies-Weenies Redevelop			License/Permit/Monitoring Number		Boring Number P-2	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started 7/13/2021		Date Drilling Completed 7/13/2021	
Horizon						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
					Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane N, E S/C/N			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 Outagamie	County Code 45	Civil Town/City/ or Village Little Chute		

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	24 24		1.5	Clayey Silt, brown, low plastic, medium stiff, moist	ML			<1								
2	24 24		3.0	Silty Sand, brown, fine to medium grained, well graded, wet	SM			<1								* Sample Submitted
3	24 24		4.5	Silty Clay, brown, medium plastic, firm, moist	CL-ML			<1								* Sample Submitted
			6.0	End of Boring @ 6'												

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

Signature <i>Krista Koeninger</i>	Firm Terracon Consultants, Inc. 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name 58217064 Sandies-Weenies Redevelo			License/Permit/Monitoring Number		Boring Number P-3	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started 7/13/2021		Date Drilling Completed 7/13/2021	
Horizon						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
					Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane N, E S/C/N			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 Outagamie	County Code 45	Civil Town/City/ or Village Little Chute		

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	24 24		1.5	Clayey Silt, brown, low plastic, firm, moist	ML			<1							
2	24 24		3.0	Silty Sand, brown, fine to medium grained, well graded, wet	SM			<1							* Sample Submitted
3	24 24		4.5	Silty Clay, brown, firm, moist	CL-ML			<1							
			6.0	End of Boring @ 6'											* Sample Submitted

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

Signature <i>Krista Koeninger</i>	Firm Terracon Consultants, Inc. 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Route To: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name 58217064 Sandies-Weenies Redevel op			License/Permit/Monitoring Number		Boring Number P-4	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started 7/13/2021		Date Drilling Completed 7/13/2021	
Horizon						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
					Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane N, E S/C/N			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 Outagamie	County Code 45	Civil Town/City/ or Village Little Chute		

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	60 36		1.5	Concrete	ML			<1							
				Clayey Silt, brown, low plastic, firm, moist										* Sample Submitted	
2	60 48		3.0	Silt, brown, non plastic, firm, moist	ML			<1							
				...wet										* Sample Submitted	
			6.0	Silty Clay, brown, medium plastic, hard, moist	CL-ML			<1							
				End of Boring @ 10'				<1							

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

Signature <i>Krista Koeninger</i>	Firm Terracon Consultants, Inc. 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Route To: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name 58217064 Sandies-Weenies Redevel op			License/Permit/Monitoring Number		Boring Number P-5	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started 7/13/2021		Date Drilling Completed 7/13/2021	
Horizon						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
					Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane N, E S/C/N			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 Outagamie	County Code 45	Civil Town/City/ or Village Little Chute		

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 40		1.5	Concrete				<1							
				Sandy Gravel, fill	GP									* Sample Submitted	
2	48 47		3.0	Silt, brown, non plastic, firm, moist				<1							
				...wet	ML								* Sample Submitted		
3	24 21		6.0	Silty Clay, brown, medium plastic, hard, moist				<1							
				...trace gravel	CL-ML										
			9.0	End of Boring @ 10'											* Sample Submitted

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

Signature <i>Krista Koeninger</i>	Firm Terracon Consultants, Inc. 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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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 58217064 Sandies-Weenies Redevel op			License/Permit/Monitoring Number		Boring Number P-6	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started 7/13/2021		Date Drilling Completed 7/13/2021	
Horizon						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
					Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane N, E S/C/N			Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____, T N, R			Long _____"		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Outagamie	County Code 45	Civil Town/City/ or Village Little Chute		


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 29		1.5	Sandy Silt, brown, low plastic, firm, trace gravel, moist	ML			<1							* Sample Submitted
2	48 40		4.5	Clayey Silt, brown, low plastic, firm, moist	ML			<1							* Sample Submitted
			6.0	...soft, wet				<1							
			7.5	Silty Clay, brown, medium plastic, very hard, moist				<1							
3	48 39		9.0	...trace gravel	CL-ML			<1							
			10.5					<1							
			12.0	End of Boring @ 12'											

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

Signature <i>Krista Koeninger</i>	Firm Terracon Consultants, Inc. 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Route To: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name 58217064 Sandies-Weenies Redevel op			License/Permit/Monitoring Number		Boring Number P-7	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started 7/13/2021		Date Drilling Completed 7/13/2021	
Horizon						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
					Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane N, E S/C/N			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 Outagamie	County Code 45	Civil Town/City/ or Village Little Chute		

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 32		1.5	Sandy Silt, brown, low plastic, firm, trace gravel, moist	ML			<1							* Sample Submitted
			3.0	Clayey Silt, brown, low plastic, firm, moist					<1						
2	48 33		4.5	...trace gravel, wet	ML			<1							* Sample Submitted
			6.0					<1							
3	24 24		7.5												
			9.0	Silty Clay, brown, medium plastic, hard	CL-ML			<1							
				End of Boring @ 10'											

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

Signature <i>Krista Koeninger</i>	Firm Terracon Consultants, Inc. 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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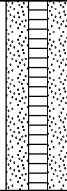
Route To: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name 58217064 Sandies-Weenies Redevelop			License/Permit/Monitoring Number		Boring Number P-8	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started 7/13/2021		Date Drilling Completed 7/13/2021	
Horizon						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL		Borehole Diameter inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Lat _____"		Local Grid Location	
State Plane N, E S/C/N			Long _____"		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of		1/4 of Section	T	N, R		
Facility ID		County Outagamie	County Code 45	Civil Town/City/ or Village Little Chute		

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	60 32		1.5	Concrete	SM			1.6							
			3.0	Silty Sand, dark brown to black, medium grained, loose, well graded, moist Clayey Silt, dark brown to black, low plastic, firm, moist	ML			2.0						* Sample Submitted	
2	60 37		6.0	Silty Clay, brown, medium plastic, soft, wet ...firm, moist				3.8							* Sample Submitted
			10.5	...soft, trace sand, wet				<1							
3	60 42		12.0	...hard, moist	CL-ML			<1							
			15.0					<1							
4	60 40		18.0	Clayey Silt, brown, low plastic, firm, trace sand, moist	ML			<1							
			19.5					<1							

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

Signature <i>Krista Koeninger</i>	Firm Terracon Consultants, Inc. 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Boring Number		P-8										Use only as an attachment to Form 4400-122.		Page 2 of 2			
Sample		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			
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
5	48 37		21.0 22.5 24.0	Clayey Silt, brown, low plastic, firm, trace sand, moist (<i>continued</i>) ...no trace sand	ML			<1 <1									
				End of Boring @ 24'													* Sample Submitted

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: **Outagamie** WI Unique Well # of Removed Well: _____ Hicap #: _____

Latitude / Longitude (see instructions): _____ N Format Code: DD Method Code: GPS008
 _____ W DDM SCR002
 _____ OTH001

1/4 / 1/4 1/4 Section: _____ Township: _____ Range: E
 or Gov't Lot # _____ _____ W

Well Street Address: **513 & 515 Grand Avenue**

Well City, Village or Town: **Little Chute** Well ZIP Code: **54140**

Subdivision Name: _____ Lot #: _____

Facility Name: **Sandie's Dry Cleaner & Laundry (Former)**

Facility ID (FID or PWS): _____

License/Permit/Monitoring #: _____

Original Well Owner: _____

Present Well Owner: _____

Mailing Address of Present Owner: _____

City of Present Owner: _____ State: _____ ZIP Code: _____

Reason for Removal from Service: **Soil Boring** WI Unique Well # of Replacement Well: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well Original Construction Date (mm/dd/yyyy): **07/13/2021**
 Water Well
 Borehole / Drillhole If a Well Construction Report is available, please attach.

Construction Type:

Drilled Driven (Sandpoint) Dug
 Other (specify): **Direct Push**

Formation Type:

Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.): _____ Casing Diameter (in.): _____

Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): _____

5. Material Used to Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	12	<1 Bag	

6. Comments

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

Name of Person or Firm Doing Filling & Sealing: Terracon Consultants	License #: _____	Date of Filling & Sealing or Verification (mm/dd/yyyy): 07/13/2021	Date Received: _____	Noted By: _____
Street or Route: 9856 S. 57th Street	City: Franklin	State: WI	ZIP Code: 53203	Telephone Number: (414) 423-0566
Signature of Person Doing Work: <i>Krista Koeniger</i>			Comments: _____	
Date Signed: 8/25/2021				

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 Outagamie	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 or Gov't Lot #	Section	Township N
Well Street Address 513 & 515 Grand Avenue	Range <input type="checkbox"/> E <input type="checkbox"/> W	Well ZIP Code 54140
Well City, Village or Town Little Chute	Well ZIP Code 54140	Subdivision Name
Subdivision Name	Lot #	

Facility Name Sandie's Dry Cleaner & Laundry (Former)		
Facility ID (FID or PWS) _____		
License/Permit/Monitoring # _____		
Original Well Owner _____		
Present Well Owner _____		
Mailing Address of Present Owner _____		
City of Present Owner	State	ZIP Code

Reason for Removal from Service Soil Boring/Temp Well	WI Unique Well # of Replacement Well _____
---	---

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) 07/13/2021 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): Direct Push

Formation Type:
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock

Total Well Depth From Ground Surface (ft.) 6	Casing Diameter (in.) 1
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Lower Drillhole Diameter (in.)	Casing Depth (ft.) 6
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Was well annular space grouted?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
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If yes, to what depth (feet)?	Depth to Water (feet)
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4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input 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 checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input checked="" 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
Bentonite Chips	Surface	6	<1 Bag	

6. Comments

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

Name of Person or Firm Doing Filling & Sealing Terracon Consultants	License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) 07/13/2021	Date Received	Noted By
Street or Route 9856 S. 57th Street	City Franklin	State WI	Telephone Number (414) 423-0566	Comments
City Franklin	State WI	ZIP Code 53203	Signature of Person Doing Work <i>Krista Koeninger</i>	Date Signed 8/25/2021

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.

Route to DNR Bureau:

Verification Only of Fill and Seal

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

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

County Outagamie		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 or Gov't Lot #	Section	Township N	Range <input type="checkbox"/> E <input type="checkbox"/> W
Well Street Address 513 & 515 Grand Avenue			
Well City, Village or Town Little Chute		Well ZIP Code 54140	
Subdivision Name		Lot #	

Facility Name Sandie's Dry Cleaner & Laundry (Former)		
Facility ID (FID or PWS) _____		
License/Permit/Monitoring # _____		
Original Well Owner _____		
Present Well Owner _____		
Mailing Address of Present Owner _____		
City of Present Owner	State	ZIP Code

Reason for Removal from Service Soil Boring/Temp Well	WI Unique Well # of Replacement Well _____
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3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) 07/13/2021 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): Direct Push		

Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock

Total Well Depth From Ground Surface (ft.) 6	Casing Diameter (in.) 1
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Lower Drillhole Diameter (in.)	Casing Depth (ft.) 6
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Was well annular space grouted?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
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If yes, to what depth (feet)?	Depth to Water (feet)
-------------------------------	-----------------------

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input 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 checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input checked="" 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

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	6	<1 Bag	

6. Comments

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

Name of Person or Firm Doing Filling & Sealing Terracon Consultants	License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) 07/13/2021	Date Received	Noted By
Street or Route 9856 S. 57th Street		Telephone Number (414) 423-0566	Comments	
City Franklin	State WI	ZIP Code 53203	Signature of Person Doing Work <i>Krista Koeninger</i>	Date Signed 8/25/2021

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: **Outagamie** WI Unique Well # of Removed Well: _____ Hicap #: _____

Latitude / Longitude (see instructions): _____ N Format Code: DD Method Code: GPS008
 _____ W DDM SCR002
 _____ OTH001

1/4 / 1/4 1/4 Section: _____ Township: _____ Range: E
 or Gov't Lot # _____ _____ W

Well Street Address: **513 & 515 Grand Avenue**

Well City, Village or Town: **Little Chute** Well ZIP Code: **54140**

Subdivision Name: _____ Lot #: _____

Facility Name: **Sandie's Dry Cleaner & Laundry (Former)**

Facility ID (FID or PWS): _____

License/Permit/Monitoring #: _____

Original Well Owner: _____

Present Well Owner: _____

Mailing Address of Present Owner: _____

City of Present Owner: _____ State: _____ ZIP Code: _____

Reason for Removal from Service: **Soil Boring** WI Unique Well # of Replacement Well: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well Original Construction Date (mm/dd/yyyy): **07/13/2021**
 Water Well
 Borehole / Drillhole If a Well Construction Report is available, please attach.

Construction Type:

Drilled Driven (Sandpoint) Dug
 Other (specify): **Direct Push**

Formation Type:

Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.): _____ Casing Diameter (in.): _____

Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): _____

4. Pump, Liner, Screen, Casing & Sealing Material

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

5. Material Used to Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	10	<1 Bag	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: **Terracon Consultants** License #: _____ Date of Filling & Sealing or Verification (mm/dd/yyyy): **07/13/2021**

Street or Route: **9856 S. 57th Street** Telephone Number: **(414) 423-0566**

City: **Franklin** State: **WI** ZIP Code: **53203** Signature of Person Doing Work: *Krista Koeniger* Date Signed: **8/25/2021**

DNR Use Only

Date Received: _____ Noted By: _____

Comments: _____

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.

Route to DNR Bureau:

Verification Only of Fill and Seal

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

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

County Outagamie		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 or Gov't Lot #	Section	Township N	Range <input type="checkbox"/> E <input type="checkbox"/> W
Well Street Address 513 & 515 Grand Avenue			
Well City, Village or Town Little Chute		Well ZIP Code 54140	
Subdivision Name		Lot #	

Facility Name Sandie's Dry Cleaner & Laundry (Former)		
Facility ID (FID or PWS) _____		
License/Permit/Monitoring # _____		
Original Well Owner _____		
Present Well Owner _____		
Mailing Address of Present Owner _____		
City of Present Owner	State	ZIP Code

Reason for Removal from Service Soil Boring/Temp Well	WI Unique Well # of Replacement Well _____
---	---

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) 07/13/2021 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): Direct Push		

Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock

Total Well Depth From Ground Surface (ft.) 10	Casing Diameter (in.) 1
---	-----------------------------------

Lower Drillhole Diameter (in.)	Casing Depth (ft.) 10
--------------------------------	---------------------------------

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)
-------------------------------	-----------------------

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input 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 checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input checked="" 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
Bentonite Chips	Surface	10	<1 Bag	

6. Comments

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

Name of Person or Firm Doing Filling & Sealing Terracon Consultants	License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) 07/13/2021	Date Received	Noted By
Street or Route 9856 S. 57th Street		Telephone Number (414) 423-0566	Comments	
City Franklin	State WI	ZIP Code 53203	Signature of Person Doing Work <i>Krista Koeninger</i>	Date Signed 8/25/2021

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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: **Outagamie** WI Unique Well # of Removed Well: _____ Hicap #: _____

Latitude / Longitude (see instructions): _____ N Format Code: DD Method Code: GPS008
 _____ W DDM SCR002
 _____ OTH001

1/4 / 1/4 1/4 Section: _____ Township: _____ Range: E
 or Gov't Lot # _____ _____ W

Well Street Address: **513 & 515 Grand Avenue**

Well City, Village or Town: **Little Chute** Well ZIP Code: **54140**

Subdivision Name: _____ Lot #: _____

Facility Name: **Sandie's Dry Cleaner & Laundry (Former)**

Facility ID (FID or PWS): _____

License/Permit/Monitoring #: _____

Original Well Owner: _____

Present Well Owner: _____

Mailing Address of Present Owner: _____

City of Present Owner: _____ State: _____ ZIP Code: _____

Reason for Removal from Service: **Soil Boring/Temp Well** WI Unique Well # of Replacement Well: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well Original Construction Date (mm/dd/yyyy): **07/13/2021**
 Water Well If a Well Construction Report is available, please attach.
 Borehole / Drillhole

Construction Type:

Drilled Driven (Sandpoint) Dug
 Other (specify): **Direct Push**

Formation Type:

Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.): **12** Casing Diameter (in.): **1**

Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): **12**

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): _____

4. Pump, Liner, Screen, Casing & Sealing Material

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

Required Method of Placing Sealing Material

Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____

Sealing Materials

Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite 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
Bentonite Chips	Surface	12	<1 Bag	

6. Comments

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

Name of Person or Firm Doing Filling & Sealing: Terracon Consultants	License #: _____	Date of Filling & Sealing or Verification (mm/dd/yyyy): 07/20/2021	Date Received: _____	Noted By: _____
Street or Route: 9856 S. 57th Street	City: Franklin	State: WI	ZIP Code: 53203	Telephone Number: (414) 423-0566
Signature of Person Doing Work: <i>Krista Koeninger</i>			Comments: _____	
Date Signed: 8/25/2021				

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 Outagamie		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 or Gov't Lot #	Section	Township N	Range <input type="checkbox"/> E <input type="checkbox"/> W
Well Street Address 513 & 515 Grand Avenue			
Well City, Village or Town Little Chute		Well ZIP Code 54140	
Subdivision Name		Lot #	

Facility Name Sandie's Dry Cleaner & Laundry (Former)		
Facility ID (FID or PWS) _____		
License/Permit/Monitoring # _____		
Original Well Owner _____		
Present Well Owner _____		
Mailing Address of Present Owner _____		
City of Present Owner	State	ZIP Code

Reason for Removal from Service Soil Boring/Temp Well	WI Unique Well # of Replacement Well _____
---	---

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) 07/13/2021 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): Direct Push		

Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock

Total Well Depth From Ground Surface (ft.) 24	Casing Diameter (in.) 1
---	-----------------------------------

Lower Drillhole Diameter (in.)	Casing Depth (ft.) 24
--------------------------------	---------------------------------

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)
-------------------------------	-----------------------

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input 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 checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input checked="" 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
Bentonite Chips	Surface	24	<1 Bag	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing Terracon Consultants		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 07/13/2021	DNR Use Only	
Street or Route 9856 S. 57th Street		City Franklin	State WI	ZIP Code 53203	Telephone Number (414) 423-0566
Signature of Person Doing Work <i>Krista Koeninger</i>			Date Received	Noted By	
Date Signed 8/25/2021			Comments		

APPENDIX D

PHOTOGRAPHIC LOG



Photo #1 View of P-1 facing east towards Weenie's back entrance.



Photo #2 View of the P-1 facing west towards back alley.



Photo #3 View of the Weenies basement area where P-2 and P-3 are located facing southwest.

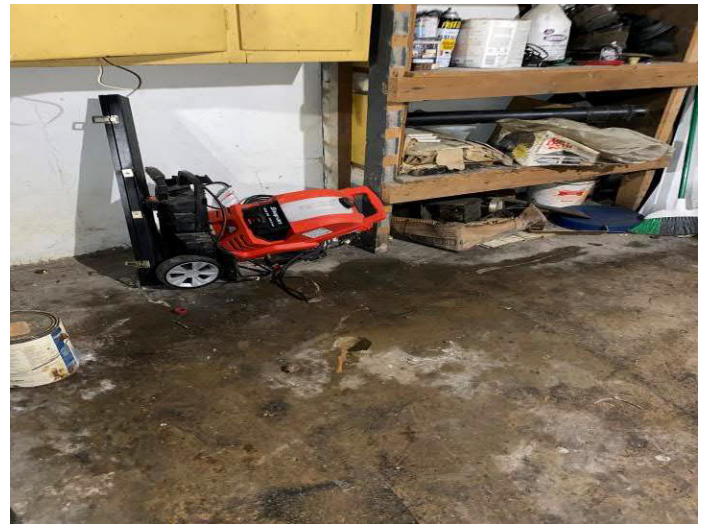


Photo #4 View of the P-2 in Weenies basement facing south.



Photo #5 View of P-3 in Weenie's basement facing south.



Photo #6 View of P-4 in parking area off Grand Ave facing northwest.



Photo #7 View of the P-5 in parking area off Grand Ave facing west.



Photo #8 Second view of the P-5 facing east.



Photo #9 View of P-6 in Sandies facing west.



Photo #10 View of P-7 in Sandies facing north.



Photo #11 Second view of P-7 in Sandies facing southwest towards the room where P-6 is located.



Photo #12 View P-8 in parking area adjacent to alley facing north.

APPENDIX E

LABORATORY ANALYTIC TEST REPORTS AND CHAIN OF CUSTODY FORMS

July 28, 2021

Scott A. Hodgson
Terracon, Inc.
9856 S. 57th Street
Franklin, WI 53132

RE: Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

Dear Scott Hodgson:

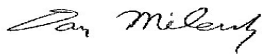
Enclosed are the analytical results for sample(s) received by the laboratory on July 15, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40229968001	P-8 (1)	Solid	07/13/21 11:10	07/15/21 09:15
40229968002	P-8 (5)	Solid	07/13/21 11:15	07/15/21 09:15
40229968003	P-8 (24)	Solid	07/13/21 12:20	07/15/21 09:15
40229968004	P-8	Water	07/13/21 11:40	07/15/21 09:15
40229968005	P-8 (19-24)	Water	07/13/21 14:40	07/15/21 09:15
40229968006	P-2 (1)	Solid	07/13/21 13:50	07/15/21 09:15
40229968007	P-2 (6)	Solid	07/13/21 13:55	07/15/21 09:15
40229968008	P-2	Water	07/13/21 17:15	07/15/21 09:15
40229968009	P-4 (1)	Solid	07/13/21 14:15	07/15/21 09:15
40229968010	P-4 (5)	Solid	07/13/21 14:20	07/15/21 09:15
40229968011	P-3 (1)	Solid	07/13/21 14:30	07/15/21 09:15
40229968012	P-3 (6)	Solid	07/13/21 14:40	07/15/21 09:15
40229968013	P-1 (1)	Solid	07/13/21 15:30	07/15/21 09:15
40229968014	P-1 (4)	Solid	07/13/21 15:40	07/15/21 09:15
40229968015	P-6 (1)	Solid	07/13/21 16:30	07/15/21 09:15
40229968016	P-6 (5)	Solid	07/13/21 16:40	07/15/21 09:15
40229968017	P-7 (1)	Solid	07/13/21 16:45	07/15/21 09:15
40229968018	P-7 (4)	Solid	07/13/21 16:50	07/15/21 09:15
40229968019	P-5 (2)	Solid	07/13/21 17:00	07/15/21 09:15
40229968020	P-5 (4)	Solid	07/13/21 17:05	07/15/21 09:15
40229968021	P-5 (10)	Solid	07/13/21 17:30	07/15/21 09:15
40229968022	MEOH-TB	Solid	07/13/21 00:00	07/15/21 09:15
40229968023	HCL-TB	Water	07/13/21 00:00	07/15/21 09:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40229968001	P-8 (1)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968002	P-8 (5)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968003	P-8 (24)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968004	P-8	EPA 8260	SMT	64	PASI-G
40229968005	P-8 (19-24)	EPA 8260	SMT	64	PASI-G
40229968006	P-2 (1)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968007	P-2 (6)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968008	P-2	EPA 8260	SMT	64	PASI-G
40229968009	P-4 (1)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968010	P-4 (5)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968011	P-3 (1)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968012	P-3 (6)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968013	P-1 (1)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968014	P-1 (4)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968015	P-6 (1)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968016	P-6 (5)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968017	P-7 (1)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968018	P-7 (4)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968019	P-5 (2)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968020	P-5 (4)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40229968021	P-5 (10)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229968022	MEOH-TB	EPA 8260	MDS	64	PASI-G
40229968023	HCL-TB	EPA 8260	SMT	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 58217064 SANDIES DRY CLEANER
Project No.: 40229968

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40229968001	P-8 (1)					
EPA 8260	Benzene	57.9	ug/kg	33.5	07/27/21 14:11	
EPA 8260	Ethylbenzene	86.2	ug/kg	83.8	07/27/21 14:11	
EPA 8260	Isopropylbenzene (Cumene)	59.6J	ug/kg	83.8	07/27/21 14:11	
EPA 8260	Naphthalene	248J	ug/kg	419	07/27/21 14:11	
EPA 8260	n-Propylbenzene	83.2J	ug/kg	83.8	07/27/21 14:11	
EPA 8260	Tetrachloroethene	6420	ug/kg	83.8	07/27/21 14:11	
EPA 8260	Toluene	393	ug/kg	83.8	07/27/21 14:11	
EPA 8260	1,2,4-Trimethylbenzene	119	ug/kg	83.8	07/27/21 14:11	
EPA 8260	m&p-Xylene	342	ug/kg	168	07/27/21 14:11	
EPA 8260	o-Xylene	299	ug/kg	83.8	07/27/21 14:11	
ASTM D2974-87	Percent Moisture	25.3	%	0.10	07/15/21 17:07	
40229968002	P-8 (5)					
EPA 8260	cis-1,2-Dichloroethene	159	ug/kg	77.1	07/27/21 22:29	
EPA 8260	Tetrachloroethene	263	ug/kg	77.1	07/27/21 22:29	
ASTM D2974-87	Percent Moisture	21.3	%	0.10	07/15/21 17:07	
40229968003	P-8 (24)					
ASTM D2974-87	Percent Moisture	16.4	%	0.10	07/15/21 17:07	
40229968004	P-8					
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	07/22/21 00:51	
EPA 8260	Tetrachloroethene	161	ug/L	1.0	07/22/21 00:51	
EPA 8260	Trichloroethene	3.8	ug/L	1.0	07/22/21 00:51	
40229968005	P-8 (19-24)					
EPA 8260	cis-1,2-Dichloroethene	6.5	ug/L	1.0	07/22/21 01:10	
EPA 8260	Tetrachloroethene	193	ug/L	1.0	07/22/21 01:10	
EPA 8260	Trichloroethene	4.6	ug/L	1.0	07/22/21 01:10	
40229968006	P-2 (1)					
ASTM D2974-87	Percent Moisture	20.5	%	0.10	07/15/21 17:07	
40229968007	P-2 (6)					
ASTM D2974-87	Percent Moisture	17.0	%	0.10	07/15/21 17:08	
40229968009	P-4 (1)					
ASTM D2974-87	Percent Moisture	13.0	%	0.10	07/15/21 17:08	
40229968010	P-4 (5)					
ASTM D2974-87	Percent Moisture	15.5	%	0.10	07/15/21 17:08	
40229968011	P-3 (1)					
ASTM D2974-87	Percent Moisture	14.0	%	0.10	07/15/21 17:08	
40229968012	P-3 (6)					
ASTM D2974-87	Percent Moisture	15.2	%	0.10	07/15/21 17:08	
40229968013	P-1 (1)					
EPA 8260	Tetrachloroethene	373	ug/kg	71.4	07/28/21 00:50	H1
ASTM D2974-87	Percent Moisture	17.6	%	0.10	07/15/21 17:08	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 58217064 SANDIES DRY CLEANER
 Pace Project No.: 40229968

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40229968014	P-1 (4)					
ASTM D2974-87	Percent Moisture	18.7	%	0.10	07/15/21 17:08	
40229968015	P-6 (1)					
EPA 8260	Naphthalene	30.4J	ug/kg	369	07/28/21 01:30	H1
EPA 8260	Tetrachloroethene	10500	ug/kg	73.7	07/28/21 01:30	H1
EPA 8260	Toluene	19.9J	ug/kg	73.7	07/28/21 01:30	H1
EPA 8260	Trichloroethene	38.0J	ug/kg	73.7	07/28/21 01:30	H1
ASTM D2974-87	Percent Moisture	19.2	%	0.10	07/15/21 17:09	
40229968016	P-6 (5)					
EPA 8260	Naphthalene	39.9J	ug/kg	361	07/28/21 01:50	H1
EPA 8260	Tetrachloroethene	1960	ug/kg	72.1	07/28/21 01:50	H1
ASTM D2974-87	Percent Moisture	18.1	%	0.10	07/15/21 17:09	
40229968017	P-7 (1)					
EPA 8260	Naphthalene	37.6J	ug/kg	322	07/28/21 02:11	H1
EPA 8260	Tetrachloroethene	4300	ug/kg	64.4	07/28/21 02:11	H1
EPA 8260	Toluene	28.5J	ug/kg	64.4	07/28/21 02:11	H1
EPA 8260	m&p-Xylene	40.5J	ug/kg	129	07/28/21 02:11	H1
EPA 8260	o-Xylene	24.7J	ug/kg	64.4	07/28/21 02:11	H1
ASTM D2974-87	Percent Moisture	12.6	%	0.10	07/15/21 17:09	
40229968018	P-7 (4)					
EPA 8260	Tetrachloroethene	176	ug/kg	69.5	07/28/21 08:38	H1
ASTM D2974-87	Percent Moisture	16.3	%	0.10	07/15/21 17:09	
40229968019	P-5 (2)					
ASTM D2974-87	Percent Moisture	11.9	%	0.10	07/15/21 17:09	
40229968020	P-5 (4)					
ASTM D2974-87	Percent Moisture	16.7	%	0.10	07/15/21 17:09	
40229968021	P-5 (10)					
ASTM D2974-87	Percent Moisture	13.4	%	0.10	07/15/21 17:09	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Method: EPA 8260

Description: 8260 MSV Med Level Normal List

Client: Terracon, Inc. - Franklin

Date: July 28, 2021

General Information:

19 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.

H1: Analysis conducted outside the recognized method holding time.

- P-1 (1) (Lab ID: 40229968013)
- P-1 (4) (Lab ID: 40229968014)
- P-3 (1) (Lab ID: 40229968011)
- P-4 (5) (Lab ID: 40229968010)
- P-5 (10) (Lab ID: 40229968021)
- P-5 (2) (Lab ID: 40229968019)
- P-5 (4) (Lab ID: 40229968020)
- P-6 (1) (Lab ID: 40229968015)
- P-6 (5) (Lab ID: 40229968016)
- P-7 (1) (Lab ID: 40229968017)
- P-7 (4) (Lab ID: 40229968018)

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.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Method: EPA 8260

Description: 8260 MSV Med Level Normal List

Client: Terracon, Inc. - Franklin

Date: July 28, 2021

QC Batch: 391220

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40229926016

R1: RPD value was outside control limits.

- MSD (Lab ID: 2256526)
- Trichlorofluoromethane

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Method: EPA 8260

Description: 8260 MSV

Client: Terracon, Inc. - Franklin

Date: July 28, 2021

General Information:

4 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.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.

- P-8 (Lab ID: 40229968004)
- P-8 (19-24) (Lab ID: 40229968005)

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: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-8 (1) Lab ID: 40229968001 Collected: 07/13/21 11:10 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	57.9	ug/kg	33.5	19.9	1	07/23/21 08:45	07/27/21 14:11	71-43-2	
Bromobenzene	<32.7	ug/kg	83.8	32.7	1	07/23/21 08:45	07/27/21 14:11	108-86-1	
Bromochloromethane	<23.0	ug/kg	83.8	23.0	1	07/23/21 08:45	07/27/21 14:11	74-97-5	
Bromodichloromethane	<19.9	ug/kg	83.8	19.9	1	07/23/21 08:45	07/27/21 14:11	75-27-4	
Bromoform	<369	ug/kg	419	369	1	07/23/21 08:45	07/27/21 14:11	75-25-2	
Bromomethane	<117	ug/kg	419	117	1	07/23/21 08:45	07/27/21 14:11	74-83-9	
n-Butylbenzene	<38.4	ug/kg	83.8	38.4	1	07/23/21 08:45	07/27/21 14:11	104-51-8	
sec-Butylbenzene	<20.4	ug/kg	83.8	20.4	1	07/23/21 08:45	07/27/21 14:11	135-98-8	
tert-Butylbenzene	<26.3	ug/kg	83.8	26.3	1	07/23/21 08:45	07/27/21 14:11	98-06-6	
Carbon tetrachloride	<18.4	ug/kg	83.8	18.4	1	07/23/21 08:45	07/27/21 14:11	56-23-5	
Chlorobenzene	<10.0	ug/kg	83.8	10.0	1	07/23/21 08:45	07/27/21 14:11	108-90-7	
Chloroethane	<35.4	ug/kg	419	35.4	1	07/23/21 08:45	07/27/21 14:11	75-00-3	
Chloroform	<60.0	ug/kg	419	60.0	1	07/23/21 08:45	07/27/21 14:11	67-66-3	
Chloromethane	<31.8	ug/kg	83.8	31.8	1	07/23/21 08:45	07/27/21 14:11	74-87-3	
2-Chlorotoluene	<27.2	ug/kg	83.8	27.2	1	07/23/21 08:45	07/27/21 14:11	95-49-8	
4-Chlorotoluene	<31.8	ug/kg	83.8	31.8	1	07/23/21 08:45	07/27/21 14:11	106-43-4	
1,2-Dibromo-3-chloropropane	<65.0	ug/kg	419	65.0	1	07/23/21 08:45	07/27/21 14:11	96-12-8	
Dibromochloromethane	<286	ug/kg	419	286	1	07/23/21 08:45	07/27/21 14:11	124-48-1	
1,2-Dibromoethane (EDB)	<23.0	ug/kg	83.8	23.0	1	07/23/21 08:45	07/27/21 14:11	106-93-4	
Dibromomethane	<24.8	ug/kg	83.8	24.8	1	07/23/21 08:45	07/27/21 14:11	74-95-3	
1,2-Dichlorobenzene	<26.0	ug/kg	83.8	26.0	1	07/23/21 08:45	07/27/21 14:11	95-50-1	
1,3-Dichlorobenzene	<23.0	ug/kg	83.8	23.0	1	07/23/21 08:45	07/27/21 14:11	541-73-1	
1,4-Dichlorobenzene	<23.0	ug/kg	83.8	23.0	1	07/23/21 08:45	07/27/21 14:11	106-46-7	
Dichlorodifluoromethane	<36.0	ug/kg	83.8	36.0	1	07/23/21 08:45	07/27/21 14:11	75-71-8	
1,1-Dichloroethane	<21.5	ug/kg	83.8	21.5	1	07/23/21 08:45	07/27/21 14:11	75-34-3	
1,2-Dichloroethane	<19.3	ug/kg	83.8	19.3	1	07/23/21 08:45	07/27/21 14:11	107-06-2	
1,1-Dichloroethene	<27.8	ug/kg	83.8	27.8	1	07/23/21 08:45	07/27/21 14:11	75-35-4	
cis-1,2-Dichloroethene	<17.9	ug/kg	83.8	17.9	1	07/23/21 08:45	07/27/21 14:11	156-59-2	
trans-1,2-Dichloroethene	<18.1	ug/kg	83.8	18.1	1	07/23/21 08:45	07/27/21 14:11	156-60-5	
1,2-Dichloropropane	<19.9	ug/kg	83.8	19.9	1	07/23/21 08:45	07/27/21 14:11	78-87-5	
1,3-Dichloropropane	<18.3	ug/kg	83.8	18.3	1	07/23/21 08:45	07/27/21 14:11	142-28-9	
2,2-Dichloropropane	<22.6	ug/kg	83.8	22.6	1	07/23/21 08:45	07/27/21 14:11	594-20-7	
1,1-Dichloropropene	<27.2	ug/kg	83.8	27.2	1	07/23/21 08:45	07/27/21 14:11	563-58-6	
cis-1,3-Dichloropropene	<55.3	ug/kg	419	55.3	1	07/23/21 08:45	07/27/21 14:11	10061-01-5	
trans-1,3-Dichloropropene	<240	ug/kg	419	240	1	07/23/21 08:45	07/27/21 14:11	10061-02-6	
Diisopropyl ether	<20.8	ug/kg	83.8	20.8	1	07/23/21 08:45	07/27/21 14:11	108-20-3	
Ethylbenzene	86.2	ug/kg	83.8	19.9	1	07/23/21 08:45	07/27/21 14:11	100-41-4	
Hexachloro-1,3-butadiene	<167	ug/kg	419	167	1	07/23/21 08:45	07/27/21 14:11	87-68-3	
Isopropylbenzene (Cumene)	59.6J	ug/kg	83.8	22.6	1	07/23/21 08:45	07/27/21 14:11	98-82-8	
p-Isopropyltoluene	<25.5	ug/kg	83.8	25.5	1	07/23/21 08:45	07/27/21 14:11	99-87-6	
Methylene Chloride	<23.3	ug/kg	83.8	23.3	1	07/23/21 08:45	07/27/21 14:11	75-09-2	
Methyl-tert-butyl ether	<24.6	ug/kg	83.8	24.6	1	07/23/21 08:45	07/27/21 14:11	1634-04-4	
Naphthalene	248J	ug/kg	419	26.1	1	07/23/21 08:45	07/27/21 14:11	91-20-3	
n-Propylbenzene	83.2J	ug/kg	83.8	20.1	1	07/23/21 08:45	07/27/21 14:11	103-65-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

Sample: P-8 (1) **Lab ID: 40229968001** Collected: 07/13/21 11:10 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<21.5	ug/kg	83.8	21.5	1	07/23/21 08:45	07/27/21 14:11	100-42-5	
1,1,1,2-Tetrachloroethane	<20.1	ug/kg	83.8	20.1	1	07/23/21 08:45	07/27/21 14:11	630-20-6	
1,1,2,2-Tetrachloroethane	<30.3	ug/kg	83.8	30.3	1	07/23/21 08:45	07/27/21 14:11	79-34-5	
Tetrachloroethene	6420	ug/kg	83.8	32.5	1	07/23/21 08:45	07/27/21 14:11	127-18-4	
Toluene	393	ug/kg	83.8	21.1	1	07/23/21 08:45	07/27/21 14:11	108-88-3	
1,2,3-Trichlorobenzene	<93.4	ug/kg	419	93.4	1	07/23/21 08:45	07/27/21 14:11	87-61-6	
1,2,4-Trichlorobenzene	<69.1	ug/kg	419	69.1	1	07/23/21 08:45	07/27/21 14:11	120-82-1	
1,1,1-Trichloroethane	<21.5	ug/kg	83.8	21.5	1	07/23/21 08:45	07/27/21 14:11	71-55-6	
1,1,2-Trichloroethane	<30.5	ug/kg	83.8	30.5	1	07/23/21 08:45	07/27/21 14:11	79-00-5	
Trichloroethene	<31.3	ug/kg	83.8	31.3	1	07/23/21 08:45	07/27/21 14:11	79-01-6	
Trichlorofluoromethane	<24.3	ug/kg	83.8	24.3	1	07/23/21 08:45	07/27/21 14:11	75-69-4	
1,2,3-Trichloropropane	<40.7	ug/kg	83.8	40.7	1	07/23/21 08:45	07/27/21 14:11	96-18-4	
1,2,4-Trimethylbenzene	119	ug/kg	83.8	25.0	1	07/23/21 08:45	07/27/21 14:11	95-63-6	
1,3,5-Trimethylbenzene	<27.0	ug/kg	83.8	27.0	1	07/23/21 08:45	07/27/21 14:11	108-67-8	
Vinyl chloride	<16.9	ug/kg	83.8	16.9	1	07/23/21 08:45	07/27/21 14:11	75-01-4	
m&p-Xylene	342	ug/kg	168	35.4	1	07/23/21 08:45	07/27/21 14:11	179601-23-1	
o-Xylene	299	ug/kg	83.8	25.1	1	07/23/21 08:45	07/27/21 14:11	95-47-6	
Surrogates									
Toluene-d8 (S)	125	%	67-159		1	07/23/21 08:45	07/27/21 14:11	2037-26-5	
4-Bromofluorobenzene (S)	119	%	66-153		1	07/23/21 08:45	07/27/21 14:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	120	%	82-158		1	07/23/21 08:45	07/27/21 14:11	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	25.3	%	0.10	0.10	1		07/15/21 17:07		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-8 (5) **Lab ID: 40229968002** Collected: 07/13/21 11:15 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<18.4	ug/kg	30.9	18.4	1	07/26/21 09:00	07/27/21 22:29	71-43-2	
Bromobenzene	<30.1	ug/kg	77.1	30.1	1	07/26/21 09:00	07/27/21 22:29	108-86-1	
Bromochloromethane	<21.1	ug/kg	77.1	21.1	1	07/26/21 09:00	07/27/21 22:29	74-97-5	
Bromodichloromethane	<18.4	ug/kg	77.1	18.4	1	07/26/21 09:00	07/27/21 22:29	75-27-4	
Bromoform	<339	ug/kg	386	339	1	07/26/21 09:00	07/27/21 22:29	75-25-2	
Bromomethane	<108	ug/kg	386	108	1	07/26/21 09:00	07/27/21 22:29	74-83-9	
n-Butylbenzene	<35.3	ug/kg	77.1	35.3	1	07/26/21 09:00	07/27/21 22:29	104-51-8	
sec-Butylbenzene	<18.8	ug/kg	77.1	18.8	1	07/26/21 09:00	07/27/21 22:29	135-98-8	
tert-Butylbenzene	<24.2	ug/kg	77.1	24.2	1	07/26/21 09:00	07/27/21 22:29	98-06-6	
Carbon tetrachloride	<17.0	ug/kg	77.1	17.0	1	07/26/21 09:00	07/27/21 22:29	56-23-5	
Chlorobenzene	<9.2	ug/kg	77.1	9.2	1	07/26/21 09:00	07/27/21 22:29	108-90-7	
Chloroethane	<32.6	ug/kg	386	32.6	1	07/26/21 09:00	07/27/21 22:29	75-00-3	
Chloroform	<55.2	ug/kg	386	55.2	1	07/26/21 09:00	07/27/21 22:29	67-66-3	
Chloromethane	<29.3	ug/kg	77.1	29.3	1	07/26/21 09:00	07/27/21 22:29	74-87-3	
2-Chlorotoluene	<25.0	ug/kg	77.1	25.0	1	07/26/21 09:00	07/27/21 22:29	95-49-8	
4-Chlorotoluene	<29.3	ug/kg	77.1	29.3	1	07/26/21 09:00	07/27/21 22:29	106-43-4	
1,2-Dibromo-3-chloropropane	<59.9	ug/kg	386	59.9	1	07/26/21 09:00	07/27/21 22:29	96-12-8	
Dibromochloromethane	<264	ug/kg	386	264	1	07/26/21 09:00	07/27/21 22:29	124-48-1	
1,2-Dibromoethane (EDB)	<21.1	ug/kg	77.1	21.1	1	07/26/21 09:00	07/27/21 22:29	106-93-4	
Dibromomethane	<22.8	ug/kg	77.1	22.8	1	07/26/21 09:00	07/27/21 22:29	74-95-3	
1,2-Dichlorobenzene	<23.9	ug/kg	77.1	23.9	1	07/26/21 09:00	07/27/21 22:29	95-50-1	
1,3-Dichlorobenzene	<21.1	ug/kg	77.1	21.1	1	07/26/21 09:00	07/27/21 22:29	541-73-1	
1,4-Dichlorobenzene	<21.1	ug/kg	77.1	21.1	1	07/26/21 09:00	07/27/21 22:29	106-46-7	
Dichlorodifluoromethane	<33.2	ug/kg	77.1	33.2	1	07/26/21 09:00	07/27/21 22:29	75-71-8	
1,1-Dichloroethane	<19.7	ug/kg	77.1	19.7	1	07/26/21 09:00	07/27/21 22:29	75-34-3	
1,2-Dichloroethane	<17.7	ug/kg	77.1	17.7	1	07/26/21 09:00	07/27/21 22:29	107-06-2	
1,1-Dichloroethene	<25.6	ug/kg	77.1	25.6	1	07/26/21 09:00	07/27/21 22:29	75-35-4	
cis-1,2-Dichloroethene	159	ug/kg	77.1	16.5	1	07/26/21 09:00	07/27/21 22:29	156-59-2	
trans-1,2-Dichloroethene	<16.7	ug/kg	77.1	16.7	1	07/26/21 09:00	07/27/21 22:29	156-60-5	
1,2-Dichloropropane	<18.4	ug/kg	77.1	18.4	1	07/26/21 09:00	07/27/21 22:29	78-87-5	
1,3-Dichloropropane	<16.8	ug/kg	77.1	16.8	1	07/26/21 09:00	07/27/21 22:29	142-28-9	
2,2-Dichloropropane	<20.8	ug/kg	77.1	20.8	1	07/26/21 09:00	07/27/21 22:29	594-20-7	
1,1-Dichloropropene	<25.0	ug/kg	77.1	25.0	1	07/26/21 09:00	07/27/21 22:29	563-58-6	
cis-1,3-Dichloropropene	<50.9	ug/kg	386	50.9	1	07/26/21 09:00	07/27/21 22:29	10061-01-5	
trans-1,3-Dichloropropene	<221	ug/kg	386	221	1	07/26/21 09:00	07/27/21 22:29	10061-02-6	
Diisopropyl ether	<19.1	ug/kg	77.1	19.1	1	07/26/21 09:00	07/27/21 22:29	108-20-3	
Ethylbenzene	<18.4	ug/kg	77.1	18.4	1	07/26/21 09:00	07/27/21 22:29	100-41-4	
Hexachloro-1,3-butadiene	<153	ug/kg	386	153	1	07/26/21 09:00	07/27/21 22:29	87-68-3	
Isopropylbenzene (Cumene)	<20.8	ug/kg	77.1	20.8	1	07/26/21 09:00	07/27/21 22:29	98-82-8	
p-Isopropyltoluene	<23.5	ug/kg	77.1	23.5	1	07/26/21 09:00	07/27/21 22:29	99-87-6	
Methylene Chloride	<21.4	ug/kg	77.1	21.4	1	07/26/21 09:00	07/27/21 22:29	75-09-2	
Methyl-tert-butyl ether	<22.7	ug/kg	77.1	22.7	1	07/26/21 09:00	07/27/21 22:29	1634-04-4	
Naphthalene	<24.1	ug/kg	386	24.1	1	07/26/21 09:00	07/27/21 22:29	91-20-3	
n-Propylbenzene	<18.5	ug/kg	77.1	18.5	1	07/26/21 09:00	07/27/21 22:29	103-65-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-8 (5) Lab ID: 40229968002 Collected: 07/13/21 11:15 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<19.7	ug/kg	77.1	19.7	1	07/26/21 09:00	07/27/21 22:29	100-42-5	
1,1,1,2-Tetrachloroethane	<18.5	ug/kg	77.1	18.5	1	07/26/21 09:00	07/27/21 22:29	630-20-6	
1,1,2,2-Tetrachloroethane	<27.9	ug/kg	77.1	27.9	1	07/26/21 09:00	07/27/21 22:29	79-34-5	
Tetrachloroethene	263	ug/kg	77.1	29.9	1	07/26/21 09:00	07/27/21 22:29	127-18-4	
Toluene	<19.4	ug/kg	77.1	19.4	1	07/26/21 09:00	07/27/21 22:29	108-88-3	
1,2,3-Trichlorobenzene	<85.9	ug/kg	386	85.9	1	07/26/21 09:00	07/27/21 22:29	87-61-6	
1,2,4-Trichlorobenzene	<63.6	ug/kg	386	63.6	1	07/26/21 09:00	07/27/21 22:29	120-82-1	
1,1,1-Trichloroethane	<19.7	ug/kg	77.1	19.7	1	07/26/21 09:00	07/27/21 22:29	71-55-6	
1,1,2-Trichloroethane	<28.1	ug/kg	77.1	28.1	1	07/26/21 09:00	07/27/21 22:29	79-00-5	
Trichloroethene	<28.9	ug/kg	77.1	28.9	1	07/26/21 09:00	07/27/21 22:29	79-01-6	
Trichlorofluoromethane	<22.4	ug/kg	77.1	22.4	1	07/26/21 09:00	07/27/21 22:29	75-69-4	
1,2,3-Trichloropropane	<37.5	ug/kg	77.1	37.5	1	07/26/21 09:00	07/27/21 22:29	96-18-4	
1,2,4-Trimethylbenzene	<23.0	ug/kg	77.1	23.0	1	07/26/21 09:00	07/27/21 22:29	95-63-6	
1,3,5-Trimethylbenzene	<24.8	ug/kg	77.1	24.8	1	07/26/21 09:00	07/27/21 22:29	108-67-8	
Vinyl chloride	<15.6	ug/kg	77.1	15.6	1	07/26/21 09:00	07/27/21 22:29	75-01-4	
m&p-Xylene	<32.6	ug/kg	154	32.6	1	07/26/21 09:00	07/27/21 22:29	179601-23-1	
o-Xylene	<23.1	ug/kg	77.1	23.1	1	07/26/21 09:00	07/27/21 22:29	95-47-6	
Surrogates									
Toluene-d8 (S)	110	%	67-159		1	07/26/21 09:00	07/27/21 22:29	2037-26-5	
4-Bromofluorobenzene (S)	105	%	66-153		1	07/26/21 09:00	07/27/21 22:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	82-158		1	07/26/21 09:00	07/27/21 22:29	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	21.3	%	0.10	0.10	1		07/15/21 17:07		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-8 (24) **Lab ID: 40229968003** Collected: 07/13/21 12:20 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<16.6	ug/kg	27.9	16.6	1	07/26/21 09:00	07/27/21 22:49	71-43-2	
Bromobenzene	<27.2	ug/kg	69.7	27.2	1	07/26/21 09:00	07/27/21 22:49	108-86-1	
Bromochloromethane	<19.1	ug/kg	69.7	19.1	1	07/26/21 09:00	07/27/21 22:49	74-97-5	
Bromodichloromethane	<16.6	ug/kg	69.7	16.6	1	07/26/21 09:00	07/27/21 22:49	75-27-4	
Bromoform	<306	ug/kg	348	306	1	07/26/21 09:00	07/27/21 22:49	75-25-2	
Bromomethane	<97.6	ug/kg	348	97.6	1	07/26/21 09:00	07/27/21 22:49	74-83-9	
n-Butylbenzene	<31.9	ug/kg	69.7	31.9	1	07/26/21 09:00	07/27/21 22:49	104-51-8	
sec-Butylbenzene	<17.0	ug/kg	69.7	17.0	1	07/26/21 09:00	07/27/21 22:49	135-98-8	
tert-Butylbenzene	<21.9	ug/kg	69.7	21.9	1	07/26/21 09:00	07/27/21 22:49	98-06-6	
Carbon tetrachloride	<15.3	ug/kg	69.7	15.3	1	07/26/21 09:00	07/27/21 22:49	56-23-5	
Chlorobenzene	<8.3	ug/kg	69.7	8.3	1	07/26/21 09:00	07/27/21 22:49	108-90-7	
Chloroethane	<29.4	ug/kg	348	29.4	1	07/26/21 09:00	07/27/21 22:49	75-00-3	
Chloroform	<49.9	ug/kg	348	49.9	1	07/26/21 09:00	07/27/21 22:49	67-66-3	
Chloromethane	<26.5	ug/kg	69.7	26.5	1	07/26/21 09:00	07/27/21 22:49	74-87-3	
2-Chlorotoluene	<22.6	ug/kg	69.7	22.6	1	07/26/21 09:00	07/27/21 22:49	95-49-8	
4-Chlorotoluene	<26.5	ug/kg	69.7	26.5	1	07/26/21 09:00	07/27/21 22:49	106-43-4	
1,2-Dibromo-3-chloropropane	<54.0	ug/kg	348	54.0	1	07/26/21 09:00	07/27/21 22:49	96-12-8	
Dibromochloromethane	<238	ug/kg	348	238	1	07/26/21 09:00	07/27/21 22:49	124-48-1	
1,2-Dibromoethane (EDB)	<19.1	ug/kg	69.7	19.1	1	07/26/21 09:00	07/27/21 22:49	106-93-4	
Dibromomethane	<20.6	ug/kg	69.7	20.6	1	07/26/21 09:00	07/27/21 22:49	74-95-3	
1,2-Dichlorobenzene	<21.6	ug/kg	69.7	21.6	1	07/26/21 09:00	07/27/21 22:49	95-50-1	
1,3-Dichlorobenzene	<19.1	ug/kg	69.7	19.1	1	07/26/21 09:00	07/27/21 22:49	541-73-1	
1,4-Dichlorobenzene	<19.1	ug/kg	69.7	19.1	1	07/26/21 09:00	07/27/21 22:49	106-46-7	
Dichlorodifluoromethane	<29.9	ug/kg	69.7	29.9	1	07/26/21 09:00	07/27/21 22:49	75-71-8	
1,1-Dichloroethane	<17.8	ug/kg	69.7	17.8	1	07/26/21 09:00	07/27/21 22:49	75-34-3	
1,2-Dichloroethane	<16.0	ug/kg	69.7	16.0	1	07/26/21 09:00	07/27/21 22:49	107-06-2	
1,1-Dichloroethene	<23.1	ug/kg	69.7	23.1	1	07/26/21 09:00	07/27/21 22:49	75-35-4	
cis-1,2-Dichloroethene	<14.9	ug/kg	69.7	14.9	1	07/26/21 09:00	07/27/21 22:49	156-59-2	
trans-1,2-Dichloroethene	<15.0	ug/kg	69.7	15.0	1	07/26/21 09:00	07/27/21 22:49	156-60-5	
1,2-Dichloropropane	<16.6	ug/kg	69.7	16.6	1	07/26/21 09:00	07/27/21 22:49	78-87-5	
1,3-Dichloropropane	<15.2	ug/kg	69.7	15.2	1	07/26/21 09:00	07/27/21 22:49	142-28-9	
2,2-Dichloropropane	<18.8	ug/kg	69.7	18.8	1	07/26/21 09:00	07/27/21 22:49	594-20-7	
1,1-Dichloropropene	<22.6	ug/kg	69.7	22.6	1	07/26/21 09:00	07/27/21 22:49	563-58-6	
cis-1,3-Dichloropropene	<46.0	ug/kg	348	46.0	1	07/26/21 09:00	07/27/21 22:49	10061-01-5	
trans-1,3-Dichloropropene	<199	ug/kg	348	199	1	07/26/21 09:00	07/27/21 22:49	10061-02-6	
Diisopropyl ether	<17.3	ug/kg	69.7	17.3	1	07/26/21 09:00	07/27/21 22:49	108-20-3	
Ethylbenzene	<16.6	ug/kg	69.7	16.6	1	07/26/21 09:00	07/27/21 22:49	100-41-4	
Hexachloro-1,3-butadiene	<138	ug/kg	348	138	1	07/26/21 09:00	07/27/21 22:49	87-68-3	
Isopropylbenzene (Cumene)	<18.8	ug/kg	69.7	18.8	1	07/26/21 09:00	07/27/21 22:49	98-82-8	
p-Isopropyltoluene	<21.2	ug/kg	69.7	21.2	1	07/26/21 09:00	07/27/21 22:49	99-87-6	
Methylene Chloride	<19.4	ug/kg	69.7	19.4	1	07/26/21 09:00	07/27/21 22:49	75-09-2	
Methyl-tert-butyl ether	<20.5	ug/kg	69.7	20.5	1	07/26/21 09:00	07/27/21 22:49	1634-04-4	
Naphthalene	<21.7	ug/kg	348	21.7	1	07/26/21 09:00	07/27/21 22:49	91-20-3	
n-Propylbenzene	<16.7	ug/kg	69.7	16.7	1	07/26/21 09:00	07/27/21 22:49	103-65-1	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

Sample: P-8 (24) **Lab ID: 40229968003** Collected: 07/13/21 12:20 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<17.8	ug/kg	69.7	17.8	1	07/26/21 09:00	07/27/21 22:49	100-42-5	
1,1,1,2-Tetrachloroethane	<16.7	ug/kg	69.7	16.7	1	07/26/21 09:00	07/27/21 22:49	630-20-6	
1,1,2,2-Tetrachloroethane	<25.2	ug/kg	69.7	25.2	1	07/26/21 09:00	07/27/21 22:49	79-34-5	
Tetrachloroethene	<27.0	ug/kg	69.7	27.0	1	07/26/21 09:00	07/27/21 22:49	127-18-4	
Toluene	<17.6	ug/kg	69.7	17.6	1	07/26/21 09:00	07/27/21 22:49	108-88-3	
1,2,3-Trichlorobenzene	<77.6	ug/kg	348	77.6	1	07/26/21 09:00	07/27/21 22:49	87-61-6	
1,2,4-Trichlorobenzene	<57.4	ug/kg	348	57.4	1	07/26/21 09:00	07/27/21 22:49	120-82-1	
1,1,1-Trichloroethane	<17.8	ug/kg	69.7	17.8	1	07/26/21 09:00	07/27/21 22:49	71-55-6	
1,1,2-Trichloroethane	<25.4	ug/kg	69.7	25.4	1	07/26/21 09:00	07/27/21 22:49	79-00-5	
Trichloroethene	<26.0	ug/kg	69.7	26.0	1	07/26/21 09:00	07/27/21 22:49	79-01-6	
Trichlorofluoromethane	<20.2	ug/kg	69.7	20.2	1	07/26/21 09:00	07/27/21 22:49	75-69-4	
1,2,3-Trichloropropane	<33.8	ug/kg	69.7	33.8	1	07/26/21 09:00	07/27/21 22:49	96-18-4	
1,2,4-Trimethylbenzene	<20.8	ug/kg	69.7	20.8	1	07/26/21 09:00	07/27/21 22:49	95-63-6	
1,3,5-Trimethylbenzene	<22.4	ug/kg	69.7	22.4	1	07/26/21 09:00	07/27/21 22:49	108-67-8	
Vinyl chloride	<14.1	ug/kg	69.7	14.1	1	07/26/21 09:00	07/27/21 22:49	75-01-4	
m&p-Xylene	<29.4	ug/kg	139	29.4	1	07/26/21 09:00	07/27/21 22:49	179601-23-1	
o-Xylene	<20.9	ug/kg	69.7	20.9	1	07/26/21 09:00	07/27/21 22:49	95-47-6	
Surrogates									
Toluene-d8 (S)	111	%	67-159		1	07/26/21 09:00	07/27/21 22:49	2037-26-5	
4-Bromofluorobenzene (S)	106	%	66-153		1	07/26/21 09:00	07/27/21 22:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	110	%	82-158		1	07/26/21 09:00	07/27/21 22:49	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.4	%	0.10	0.10	1		07/15/21 17:07		

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-8 **Lab ID: 40229968004** Collected: 07/13/21 11:40 Received: 07/15/21 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 00:51	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 00:51	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 00:51	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 00:51	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 00:51	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 00:51	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 00:51	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 00:51	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 00:51	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 00:51	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 00:51	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 00:51	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 00:51	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 00:51	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 00:51	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 00:51	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 00:51	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 00:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 00:51	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 00:51	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 00:51	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 00:51	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 00:51	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 00:51	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 00:51	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 00:51	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 00:51	75-35-4	
cis-1,2-Dichloroethene	2.1	ug/L	1.0	0.47	1		07/22/21 00:51	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 00:51	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 00:51	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 00:51	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 00:51	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 00:51	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 00:51	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 00:51	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 00:51	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 00:51	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 00:51	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 00:51	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 00:51	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 00:51	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 00:51	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 00:51	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 00:51	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 00:51	100-42-5	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-8 **Lab ID: 40229968004** Collected: 07/13/21 11:40 Received: 07/15/21 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 00:51	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 00:51	79-34-5	
Tetrachloroethene	161	ug/L	1.0	0.41	1		07/22/21 00:51	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 00:51	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 00:51	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 00:51	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 00:51	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 00:51	79-00-5	
Trichloroethene	3.8	ug/L	1.0	0.32	1		07/22/21 00:51	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 00:51	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 00:51	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 00:51	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 00:51	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 00:51	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 00:51	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 00:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		07/22/21 00:51	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/22/21 00:51	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		07/22/21 00:51	2037-26-5	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-8 (19-24) **Lab ID: 40229968005** Collected: 07/13/21 14:40 Received: 07/15/21 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 01:10	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 01:10	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 01:10	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 01:10	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 01:10	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 01:10	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 01:10	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 01:10	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 01:10	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 01:10	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 01:10	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 01:10	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 01:10	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 01:10	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 01:10	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 01:10	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 01:10	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 01:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 01:10	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 01:10	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 01:10	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 01:10	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 01:10	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 01:10	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 01:10	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 01:10	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 01:10	75-35-4	
cis-1,2-Dichloroethene	6.5	ug/L	1.0	0.47	1		07/22/21 01:10	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 01:10	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 01:10	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 01:10	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 01:10	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 01:10	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 01:10	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 01:10	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 01:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 01:10	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 01:10	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 01:10	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 01:10	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 01:10	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 01:10	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 01:10	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 01:10	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 01:10	100-42-5	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-8 (19-24) **Lab ID: 40229968005** Collected: 07/13/21 14:40 Received: 07/15/21 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 01:10	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 01:10	79-34-5	
Tetrachloroethene	193	ug/L	1.0	0.41	1		07/22/21 01:10	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 01:10	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 01:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 01:10	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 01:10	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 01:10	79-00-5	
Trichloroethene	4.6	ug/L	1.0	0.32	1		07/22/21 01:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 01:10	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 01:10	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 01:10	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 01:10	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 01:10	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 01:10	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 01:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		07/22/21 01:10	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		07/22/21 01:10	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		07/22/21 01:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-2 (1) Lab ID: **40229968006** Collected: 07/13/21 13:50 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<18.0	ug/kg	30.3	18.0	1	07/26/21 09:00	07/27/21 23:09	71-43-2	
Bromobenzene	<29.6	ug/kg	75.8	29.6	1	07/26/21 09:00	07/27/21 23:09	108-86-1	
Bromochloromethane	<20.8	ug/kg	75.8	20.8	1	07/26/21 09:00	07/27/21 23:09	74-97-5	
Bromodichloromethane	<18.0	ug/kg	75.8	18.0	1	07/26/21 09:00	07/27/21 23:09	75-27-4	
Bromoform	<333	ug/kg	379	333	1	07/26/21 09:00	07/27/21 23:09	75-25-2	
Bromomethane	<106	ug/kg	379	106	1	07/26/21 09:00	07/27/21 23:09	74-83-9	
n-Butylbenzene	<34.7	ug/kg	75.8	34.7	1	07/26/21 09:00	07/27/21 23:09	104-51-8	
sec-Butylbenzene	<18.5	ug/kg	75.8	18.5	1	07/26/21 09:00	07/27/21 23:09	135-98-8	
tert-Butylbenzene	<23.8	ug/kg	75.8	23.8	1	07/26/21 09:00	07/27/21 23:09	98-06-6	
Carbon tetrachloride	<16.7	ug/kg	75.8	16.7	1	07/26/21 09:00	07/27/21 23:09	56-23-5	
Chlorobenzene	<9.1	ug/kg	75.8	9.1	1	07/26/21 09:00	07/27/21 23:09	108-90-7	
Chloroethane	<32.0	ug/kg	379	32.0	1	07/26/21 09:00	07/27/21 23:09	75-00-3	
Chloroform	<54.3	ug/kg	379	54.3	1	07/26/21 09:00	07/27/21 23:09	67-66-3	
Chloromethane	<28.8	ug/kg	75.8	28.8	1	07/26/21 09:00	07/27/21 23:09	74-87-3	
2-Chlorotoluene	<24.6	ug/kg	75.8	24.6	1	07/26/21 09:00	07/27/21 23:09	95-49-8	
4-Chlorotoluene	<28.8	ug/kg	75.8	28.8	1	07/26/21 09:00	07/27/21 23:09	106-43-4	
1,2-Dibromo-3-chloropropane	<58.8	ug/kg	379	58.8	1	07/26/21 09:00	07/27/21 23:09	96-12-8	
Dibromochloromethane	<259	ug/kg	379	259	1	07/26/21 09:00	07/27/21 23:09	124-48-1	
1,2-Dibromoethane (EDB)	<20.8	ug/kg	75.8	20.8	1	07/26/21 09:00	07/27/21 23:09	106-93-4	
Dibromomethane	<22.4	ug/kg	75.8	22.4	1	07/26/21 09:00	07/27/21 23:09	74-95-3	
1,2-Dichlorobenzene	<23.5	ug/kg	75.8	23.5	1	07/26/21 09:00	07/27/21 23:09	95-50-1	
1,3-Dichlorobenzene	<20.8	ug/kg	75.8	20.8	1	07/26/21 09:00	07/27/21 23:09	541-73-1	
1,4-Dichlorobenzene	<20.8	ug/kg	75.8	20.8	1	07/26/21 09:00	07/27/21 23:09	106-46-7	
Dichlorodifluoromethane	<32.6	ug/kg	75.8	32.6	1	07/26/21 09:00	07/27/21 23:09	75-71-8	
1,1-Dichloroethane	<19.4	ug/kg	75.8	19.4	1	07/26/21 09:00	07/27/21 23:09	75-34-3	
1,2-Dichloroethane	<17.4	ug/kg	75.8	17.4	1	07/26/21 09:00	07/27/21 23:09	107-06-2	
1,1-Dichloroethene	<25.2	ug/kg	75.8	25.2	1	07/26/21 09:00	07/27/21 23:09	75-35-4	
cis-1,2-Dichloroethene	<16.2	ug/kg	75.8	16.2	1	07/26/21 09:00	07/27/21 23:09	156-59-2	
trans-1,2-Dichloroethene	<16.4	ug/kg	75.8	16.4	1	07/26/21 09:00	07/27/21 23:09	156-60-5	
1,2-Dichloropropane	<18.0	ug/kg	75.8	18.0	1	07/26/21 09:00	07/27/21 23:09	78-87-5	
1,3-Dichloropropane	<16.5	ug/kg	75.8	16.5	1	07/26/21 09:00	07/27/21 23:09	142-28-9	
2,2-Dichloropropane	<20.5	ug/kg	75.8	20.5	1	07/26/21 09:00	07/27/21 23:09	594-20-7	
1,1-Dichloropropene	<24.6	ug/kg	75.8	24.6	1	07/26/21 09:00	07/27/21 23:09	563-58-6	
cis-1,3-Dichloropropene	<50.0	ug/kg	379	50.0	1	07/26/21 09:00	07/27/21 23:09	10061-01-5	
trans-1,3-Dichloropropene	<217	ug/kg	379	217	1	07/26/21 09:00	07/27/21 23:09	10061-02-6	
Diisopropyl ether	<18.8	ug/kg	75.8	18.8	1	07/26/21 09:00	07/27/21 23:09	108-20-3	
Ethylbenzene	<18.0	ug/kg	75.8	18.0	1	07/26/21 09:00	07/27/21 23:09	100-41-4	
Hexachloro-1,3-butadiene	<151	ug/kg	379	151	1	07/26/21 09:00	07/27/21 23:09	87-68-3	
Isopropylbenzene (Cumene)	<20.5	ug/kg	75.8	20.5	1	07/26/21 09:00	07/27/21 23:09	98-82-8	
p-Isopropyltoluene	<23.0	ug/kg	75.8	23.0	1	07/26/21 09:00	07/27/21 23:09	99-87-6	
Methylene Chloride	<21.1	ug/kg	75.8	21.1	1	07/26/21 09:00	07/27/21 23:09	75-09-2	
Methyl-tert-butyl ether	<22.3	ug/kg	75.8	22.3	1	07/26/21 09:00	07/27/21 23:09	1634-04-4	
Naphthalene	<23.6	ug/kg	379	23.6	1	07/26/21 09:00	07/27/21 23:09	91-20-3	
n-Propylbenzene	<18.2	ug/kg	75.8	18.2	1	07/26/21 09:00	07/27/21 23:09	103-65-1	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-2 (1) Lab ID: 40229968006 Collected: 07/13/21 13:50 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<19.4	ug/kg	75.8	19.4	1	07/26/21 09:00	07/27/21 23:09	100-42-5	
1,1,1,2-Tetrachloroethane	<18.2	ug/kg	75.8	18.2	1	07/26/21 09:00	07/27/21 23:09	630-20-6	
1,1,2,2-Tetrachloroethane	<27.4	ug/kg	75.8	27.4	1	07/26/21 09:00	07/27/21 23:09	79-34-5	
Tetrachloroethene	<29.4	ug/kg	75.8	29.4	1	07/26/21 09:00	07/27/21 23:09	127-18-4	
Toluene	<19.1	ug/kg	75.8	19.1	1	07/26/21 09:00	07/27/21 23:09	108-88-3	
1,2,3-Trichlorobenzene	<84.4	ug/kg	379	84.4	1	07/26/21 09:00	07/27/21 23:09	87-61-6	
1,2,4-Trichlorobenzene	<62.4	ug/kg	379	62.4	1	07/26/21 09:00	07/27/21 23:09	120-82-1	
1,1,1-Trichloroethane	<19.4	ug/kg	75.8	19.4	1	07/26/21 09:00	07/27/21 23:09	71-55-6	
1,1,2-Trichloroethane	<27.6	ug/kg	75.8	27.6	1	07/26/21 09:00	07/27/21 23:09	79-00-5	
Trichloroethene	<28.3	ug/kg	75.8	28.3	1	07/26/21 09:00	07/27/21 23:09	79-01-6	
Trichlorofluoromethane	<22.0	ug/kg	75.8	22.0	1	07/26/21 09:00	07/27/21 23:09	75-69-4	
1,2,3-Trichloropropane	<36.8	ug/kg	75.8	36.8	1	07/26/21 09:00	07/27/21 23:09	96-18-4	
1,2,4-Trimethylbenzene	<22.6	ug/kg	75.8	22.6	1	07/26/21 09:00	07/27/21 23:09	95-63-6	
1,3,5-Trimethylbenzene	<24.4	ug/kg	75.8	24.4	1	07/26/21 09:00	07/27/21 23:09	108-67-8	
Vinyl chloride	<15.3	ug/kg	75.8	15.3	1	07/26/21 09:00	07/27/21 23:09	75-01-4	
m&p-Xylene	<32.0	ug/kg	152	32.0	1	07/26/21 09:00	07/27/21 23:09	179601-23-1	
o-Xylene	<22.7	ug/kg	75.8	22.7	1	07/26/21 09:00	07/27/21 23:09	95-47-6	
Surrogates									
Toluene-d8 (S)	115	%	67-159		1	07/26/21 09:00	07/27/21 23:09	2037-26-5	
4-Bromofluorobenzene (S)	111	%	66-153		1	07/26/21 09:00	07/27/21 23:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	118	%	82-158		1	07/26/21 09:00	07/27/21 23:09	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	20.5	%	0.10	0.10	1		07/15/21 17:07		

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-2 (6) **Lab ID: 40229968007** Collected: 07/13/21 13:55 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<16.8	ug/kg	28.2	16.8	1	07/26/21 09:00	07/27/21 23:29	71-43-2	
Bromobenzene	<27.5	ug/kg	70.5	27.5	1	07/26/21 09:00	07/27/21 23:29	108-86-1	
Bromochloromethane	<19.3	ug/kg	70.5	19.3	1	07/26/21 09:00	07/27/21 23:29	74-97-5	
Bromodichloromethane	<16.8	ug/kg	70.5	16.8	1	07/26/21 09:00	07/27/21 23:29	75-27-4	
Bromoform	<310	ug/kg	352	310	1	07/26/21 09:00	07/27/21 23:29	75-25-2	
Bromomethane	<98.8	ug/kg	352	98.8	1	07/26/21 09:00	07/27/21 23:29	74-83-9	
n-Butylbenzene	<32.3	ug/kg	70.5	32.3	1	07/26/21 09:00	07/27/21 23:29	104-51-8	
sec-Butylbenzene	<17.2	ug/kg	70.5	17.2	1	07/26/21 09:00	07/27/21 23:29	135-98-8	
tert-Butylbenzene	<22.1	ug/kg	70.5	22.1	1	07/26/21 09:00	07/27/21 23:29	98-06-6	
Carbon tetrachloride	<15.5	ug/kg	70.5	15.5	1	07/26/21 09:00	07/27/21 23:29	56-23-5	
Chlorobenzene	<8.4	ug/kg	70.5	8.4	1	07/26/21 09:00	07/27/21 23:29	108-90-7	
Chloroethane	<29.7	ug/kg	352	29.7	1	07/26/21 09:00	07/27/21 23:29	75-00-3	
Chloroform	<50.5	ug/kg	352	50.5	1	07/26/21 09:00	07/27/21 23:29	67-66-3	
Chloromethane	<26.8	ug/kg	70.5	26.8	1	07/26/21 09:00	07/27/21 23:29	74-87-3	
2-Chlorotoluene	<22.8	ug/kg	70.5	22.8	1	07/26/21 09:00	07/27/21 23:29	95-49-8	
4-Chlorotoluene	<26.8	ug/kg	70.5	26.8	1	07/26/21 09:00	07/27/21 23:29	106-43-4	
1,2-Dibromo-3-chloropropane	<54.7	ug/kg	352	54.7	1	07/26/21 09:00	07/27/21 23:29	96-12-8	
Dibromochloromethane	<241	ug/kg	352	241	1	07/26/21 09:00	07/27/21 23:29	124-48-1	
1,2-Dibromoethane (EDB)	<19.3	ug/kg	70.5	19.3	1	07/26/21 09:00	07/27/21 23:29	106-93-4	
Dibromomethane	<20.9	ug/kg	70.5	20.9	1	07/26/21 09:00	07/27/21 23:29	74-95-3	
1,2-Dichlorobenzene	<21.8	ug/kg	70.5	21.8	1	07/26/21 09:00	07/27/21 23:29	95-50-1	
1,3-Dichlorobenzene	<19.3	ug/kg	70.5	19.3	1	07/26/21 09:00	07/27/21 23:29	541-73-1	
1,4-Dichlorobenzene	<19.3	ug/kg	70.5	19.3	1	07/26/21 09:00	07/27/21 23:29	106-46-7	
Dichlorodifluoromethane	<30.3	ug/kg	70.5	30.3	1	07/26/21 09:00	07/27/21 23:29	75-71-8	
1,1-Dichloroethane	<18.0	ug/kg	70.5	18.0	1	07/26/21 09:00	07/27/21 23:29	75-34-3	
1,2-Dichloroethane	<16.2	ug/kg	70.5	16.2	1	07/26/21 09:00	07/27/21 23:29	107-06-2	
1,1-Dichloroethene	<23.4	ug/kg	70.5	23.4	1	07/26/21 09:00	07/27/21 23:29	75-35-4	
cis-1,2-Dichloroethene	<15.1	ug/kg	70.5	15.1	1	07/26/21 09:00	07/27/21 23:29	156-59-2	
trans-1,2-Dichloroethene	<15.2	ug/kg	70.5	15.2	1	07/26/21 09:00	07/27/21 23:29	156-60-5	
1,2-Dichloropropane	<16.8	ug/kg	70.5	16.8	1	07/26/21 09:00	07/27/21 23:29	78-87-5	
1,3-Dichloropropane	<15.4	ug/kg	70.5	15.4	1	07/26/21 09:00	07/27/21 23:29	142-28-9	
2,2-Dichloropropane	<19.0	ug/kg	70.5	19.0	1	07/26/21 09:00	07/27/21 23:29	594-20-7	
1,1-Dichloropropene	<22.8	ug/kg	70.5	22.8	1	07/26/21 09:00	07/27/21 23:29	563-58-6	
cis-1,3-Dichloropropene	<46.5	ug/kg	352	46.5	1	07/26/21 09:00	07/27/21 23:29	10061-01-5	
trans-1,3-Dichloropropene	<202	ug/kg	352	202	1	07/26/21 09:00	07/27/21 23:29	10061-02-6	
Diisopropyl ether	<17.5	ug/kg	70.5	17.5	1	07/26/21 09:00	07/27/21 23:29	108-20-3	
Ethylbenzene	<16.8	ug/kg	70.5	16.8	1	07/26/21 09:00	07/27/21 23:29	100-41-4	
Hexachloro-1,3-butadiene	<140	ug/kg	352	140	1	07/26/21 09:00	07/27/21 23:29	87-68-3	
Isopropylbenzene (Cumene)	<19.0	ug/kg	70.5	19.0	1	07/26/21 09:00	07/27/21 23:29	98-82-8	
p-Isopropyltoluene	<21.4	ug/kg	70.5	21.4	1	07/26/21 09:00	07/27/21 23:29	99-87-6	
Methylene Chloride	<19.6	ug/kg	70.5	19.6	1	07/26/21 09:00	07/27/21 23:29	75-09-2	
Methyl-tert-butyl ether	<20.7	ug/kg	70.5	20.7	1	07/26/21 09:00	07/27/21 23:29	1634-04-4	
Naphthalene	<22.0	ug/kg	352	22.0	1	07/26/21 09:00	07/27/21 23:29	91-20-3	
n-Propylbenzene	<16.9	ug/kg	70.5	16.9	1	07/26/21 09:00	07/27/21 23:29	103-65-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-2 (6) Lab ID: 40229968007 Collected: 07/13/21 13:55 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<18.0	ug/kg	70.5	18.0	1	07/26/21 09:00	07/27/21 23:29	100-42-5	
1,1,1,2-Tetrachloroethane	<16.9	ug/kg	70.5	16.9	1	07/26/21 09:00	07/27/21 23:29	630-20-6	
1,1,2,2-Tetrachloroethane	<25.5	ug/kg	70.5	25.5	1	07/26/21 09:00	07/27/21 23:29	79-34-5	
Tetrachloroethene	<27.3	ug/kg	70.5	27.3	1	07/26/21 09:00	07/27/21 23:29	127-18-4	
Toluene	<17.8	ug/kg	70.5	17.8	1	07/26/21 09:00	07/27/21 23:29	108-88-3	
1,2,3-Trichlorobenzene	<78.5	ug/kg	352	78.5	1	07/26/21 09:00	07/27/21 23:29	87-61-6	
1,2,4-Trichlorobenzene	<58.1	ug/kg	352	58.1	1	07/26/21 09:00	07/27/21 23:29	120-82-1	
1,1,1-Trichloroethane	<18.0	ug/kg	70.5	18.0	1	07/26/21 09:00	07/27/21 23:29	71-55-6	
1,1,2-Trichloroethane	<25.7	ug/kg	70.5	25.7	1	07/26/21 09:00	07/27/21 23:29	79-00-5	
Trichloroethene	<26.4	ug/kg	70.5	26.4	1	07/26/21 09:00	07/27/21 23:29	79-01-6	
Trichlorofluoromethane	<20.4	ug/kg	70.5	20.4	1	07/26/21 09:00	07/27/21 23:29	75-69-4	
1,2,3-Trichloropropane	<34.3	ug/kg	70.5	34.3	1	07/26/21 09:00	07/27/21 23:29	96-18-4	
1,2,4-Trimethylbenzene	<21.0	ug/kg	70.5	21.0	1	07/26/21 09:00	07/27/21 23:29	95-63-6	
1,3,5-Trimethylbenzene	<22.7	ug/kg	70.5	22.7	1	07/26/21 09:00	07/27/21 23:29	108-67-8	
Vinyl chloride	<14.2	ug/kg	70.5	14.2	1	07/26/21 09:00	07/27/21 23:29	75-01-4	
m&p-Xylene	<29.7	ug/kg	141	29.7	1	07/26/21 09:00	07/27/21 23:29	179601-23-1	
o-Xylene	<21.1	ug/kg	70.5	21.1	1	07/26/21 09:00	07/27/21 23:29	95-47-6	
Surrogates									
Toluene-d8 (S)	107	%	67-159		1	07/26/21 09:00	07/27/21 23:29	2037-26-5	
4-Bromofluorobenzene (S)	102	%	66-153		1	07/26/21 09:00	07/27/21 23:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	82-158		1	07/26/21 09:00	07/27/21 23:29	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.0	%	0.10	0.10	1		07/15/21 17:08		

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-2 **Lab ID: 40229968008** Collected: 07/13/21 17:15 Received: 07/15/21 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 11:13	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 11:13	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 11:13	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 11:13	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 11:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 11:13	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 11:13	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 11:13	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 11:13	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 11:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 11:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 11:13	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 11:13	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 11:13	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 11:13	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 11:13	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 11:13	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 11:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 11:13	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 11:13	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 11:13	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 11:13	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 11:13	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 11:13	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 11:13	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 11:13	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 11:13	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 11:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 11:13	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 11:13	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 11:13	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 11:13	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 11:13	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 11:13	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 11:13	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 11:13	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 11:13	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 11:13	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 11:13	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 11:13	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 11:13	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 11:13	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 11:13	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 11:13	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 11:13	100-42-5	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-2 **Lab ID: 40229968008** Collected: 07/13/21 17:15 Received: 07/15/21 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 11:13	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 11:13	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 11:13	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 11:13	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 11:13	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 11:13	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 11:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 11:13	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 11:13	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 11:13	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 11:13	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 11:13	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 11:13	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 11:13	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 11:13	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 11:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		07/22/21 11:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/22/21 11:13	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		07/22/21 11:13	2037-26-5	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-4 (1) Lab ID: **40229968009** Collected: 07/13/21 14:15 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<15.5	ug/kg	26.0	15.5	1	07/26/21 09:00	07/27/21 23:49	71-43-2	
Bromobenzene	<25.3	ug/kg	65.0	25.3	1	07/26/21 09:00	07/27/21 23:49	108-86-1	
Bromochloromethane	<17.8	ug/kg	65.0	17.8	1	07/26/21 09:00	07/27/21 23:49	74-97-5	
Bromodichloromethane	<15.5	ug/kg	65.0	15.5	1	07/26/21 09:00	07/27/21 23:49	75-27-4	
Bromoform	<286	ug/kg	325	286	1	07/26/21 09:00	07/27/21 23:49	75-25-2	
Bromomethane	<91.1	ug/kg	325	91.1	1	07/26/21 09:00	07/27/21 23:49	74-83-9	
n-Butylbenzene	<29.8	ug/kg	65.0	29.8	1	07/26/21 09:00	07/27/21 23:49	104-51-8	
sec-Butylbenzene	<15.9	ug/kg	65.0	15.9	1	07/26/21 09:00	07/27/21 23:49	135-98-8	
tert-Butylbenzene	<20.4	ug/kg	65.0	20.4	1	07/26/21 09:00	07/27/21 23:49	98-06-6	
Carbon tetrachloride	<14.3	ug/kg	65.0	14.3	1	07/26/21 09:00	07/27/21 23:49	56-23-5	
Chlorobenzene	<7.8	ug/kg	65.0	7.8	1	07/26/21 09:00	07/27/21 23:49	108-90-7	
Chloroethane	<27.4	ug/kg	325	27.4	1	07/26/21 09:00	07/27/21 23:49	75-00-3	
Chloroform	<46.5	ug/kg	325	46.5	1	07/26/21 09:00	07/27/21 23:49	67-66-3	
Chloromethane	<24.7	ug/kg	65.0	24.7	1	07/26/21 09:00	07/27/21 23:49	74-87-3	
2-Chlorotoluene	<21.1	ug/kg	65.0	21.1	1	07/26/21 09:00	07/27/21 23:49	95-49-8	
4-Chlorotoluene	<24.7	ug/kg	65.0	24.7	1	07/26/21 09:00	07/27/21 23:49	106-43-4	
1,2-Dibromo-3-chloropropane	<50.4	ug/kg	325	50.4	1	07/26/21 09:00	07/27/21 23:49	96-12-8	
Dibromochloromethane	<222	ug/kg	325	222	1	07/26/21 09:00	07/27/21 23:49	124-48-1	
1,2-Dibromoethane (EDB)	<17.8	ug/kg	65.0	17.8	1	07/26/21 09:00	07/27/21 23:49	106-93-4	
Dibromomethane	<19.2	ug/kg	65.0	19.2	1	07/26/21 09:00	07/27/21 23:49	74-95-3	
1,2-Dichlorobenzene	<20.1	ug/kg	65.0	20.1	1	07/26/21 09:00	07/27/21 23:49	95-50-1	
1,3-Dichlorobenzene	<17.8	ug/kg	65.0	17.8	1	07/26/21 09:00	07/27/21 23:49	541-73-1	
1,4-Dichlorobenzene	<17.8	ug/kg	65.0	17.8	1	07/26/21 09:00	07/27/21 23:49	106-46-7	
Dichlorodifluoromethane	<27.9	ug/kg	65.0	27.9	1	07/26/21 09:00	07/27/21 23:49	75-71-8	
1,1-Dichloroethane	<16.6	ug/kg	65.0	16.6	1	07/26/21 09:00	07/27/21 23:49	75-34-3	
1,2-Dichloroethane	<14.9	ug/kg	65.0	14.9	1	07/26/21 09:00	07/27/21 23:49	107-06-2	
1,1-Dichloroethene	<21.6	ug/kg	65.0	21.6	1	07/26/21 09:00	07/27/21 23:49	75-35-4	
cis-1,2-Dichloroethene	<13.9	ug/kg	65.0	13.9	1	07/26/21 09:00	07/27/21 23:49	156-59-2	
trans-1,2-Dichloroethene	<14.0	ug/kg	65.0	14.0	1	07/26/21 09:00	07/27/21 23:49	156-60-5	
1,2-Dichloropropane	<15.5	ug/kg	65.0	15.5	1	07/26/21 09:00	07/27/21 23:49	78-87-5	
1,3-Dichloropropane	<14.2	ug/kg	65.0	14.2	1	07/26/21 09:00	07/27/21 23:49	142-28-9	
2,2-Dichloropropane	<17.5	ug/kg	65.0	17.5	1	07/26/21 09:00	07/27/21 23:49	594-20-7	
1,1-Dichloropropene	<21.1	ug/kg	65.0	21.1	1	07/26/21 09:00	07/27/21 23:49	563-58-6	
cis-1,3-Dichloropropene	<42.9	ug/kg	325	42.9	1	07/26/21 09:00	07/27/21 23:49	10061-01-5	
trans-1,3-Dichloropropene	<186	ug/kg	325	186	1	07/26/21 09:00	07/27/21 23:49	10061-02-6	
Diisopropyl ether	<16.1	ug/kg	65.0	16.1	1	07/26/21 09:00	07/27/21 23:49	108-20-3	
Ethylbenzene	<15.5	ug/kg	65.0	15.5	1	07/26/21 09:00	07/27/21 23:49	100-41-4	
Hexachloro-1,3-butadiene	<129	ug/kg	325	129	1	07/26/21 09:00	07/27/21 23:49	87-68-3	
Isopropylbenzene (Cumene)	<17.5	ug/kg	65.0	17.5	1	07/26/21 09:00	07/27/21 23:49	98-82-8	
p-Isopropyltoluene	<19.8	ug/kg	65.0	19.8	1	07/26/21 09:00	07/27/21 23:49	99-87-6	
Methylene Chloride	<18.1	ug/kg	65.0	18.1	1	07/26/21 09:00	07/27/21 23:49	75-09-2	
Methyl-tert-butyl ether	<19.1	ug/kg	65.0	19.1	1	07/26/21 09:00	07/27/21 23:49	1634-04-4	
Naphthalene	<20.3	ug/kg	325	20.3	1	07/26/21 09:00	07/27/21 23:49	91-20-3	
n-Propylbenzene	<15.6	ug/kg	65.0	15.6	1	07/26/21 09:00	07/27/21 23:49	103-65-1	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-4 (1) **Lab ID: 40229968009** Collected: 07/13/21 14:15 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<16.6	ug/kg	65.0	16.6	1	07/26/21 09:00	07/27/21 23:49	100-42-5	
1,1,1,2-Tetrachloroethane	<15.6	ug/kg	65.0	15.6	1	07/26/21 09:00	07/27/21 23:49	630-20-6	
1,1,2,2-Tetrachloroethane	<23.5	ug/kg	65.0	23.5	1	07/26/21 09:00	07/27/21 23:49	79-34-5	
Tetrachloroethene	<25.2	ug/kg	65.0	25.2	1	07/26/21 09:00	07/27/21 23:49	127-18-4	
Toluene	<16.4	ug/kg	65.0	16.4	1	07/26/21 09:00	07/27/21 23:49	108-88-3	
1,2,3-Trichlorobenzene	<72.4	ug/kg	325	72.4	1	07/26/21 09:00	07/27/21 23:49	87-61-6	
1,2,4-Trichlorobenzene	<53.6	ug/kg	325	53.6	1	07/26/21 09:00	07/27/21 23:49	120-82-1	
1,1,1-Trichloroethane	<16.6	ug/kg	65.0	16.6	1	07/26/21 09:00	07/27/21 23:49	71-55-6	
1,1,2-Trichloroethane	<23.7	ug/kg	65.0	23.7	1	07/26/21 09:00	07/27/21 23:49	79-00-5	
Trichloroethene	<24.3	ug/kg	65.0	24.3	1	07/26/21 09:00	07/27/21 23:49	79-01-6	
Trichlorofluoromethane	<18.8	ug/kg	65.0	18.8	1	07/26/21 09:00	07/27/21 23:49	75-69-4	
1,2,3-Trichloropropane	<31.6	ug/kg	65.0	31.6	1	07/26/21 09:00	07/27/21 23:49	96-18-4	
1,2,4-Trimethylbenzene	<19.4	ug/kg	65.0	19.4	1	07/26/21 09:00	07/27/21 23:49	95-63-6	
1,3,5-Trimethylbenzene	<20.9	ug/kg	65.0	20.9	1	07/26/21 09:00	07/27/21 23:49	108-67-8	
Vinyl chloride	<13.1	ug/kg	65.0	13.1	1	07/26/21 09:00	07/27/21 23:49	75-01-4	
m&p-Xylene	<27.4	ug/kg	130	27.4	1	07/26/21 09:00	07/27/21 23:49	179601-23-1	
o-Xylene	<19.5	ug/kg	65.0	19.5	1	07/26/21 09:00	07/27/21 23:49	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	67-159		1	07/26/21 09:00	07/27/21 23:49	2037-26-5	
4-Bromofluorobenzene (S)	99	%	66-153		1	07/26/21 09:00	07/27/21 23:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	07/26/21 09:00	07/27/21 23:49	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.0	%	0.10	0.10	1		07/15/21 17:08		

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-4 (5) Lab ID: 40229968010 Collected: 07/13/21 14:20 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<16.3	ug/kg	27.3	16.3	1	07/26/21 09:00	07/28/21 00:09	71-43-2	H1
Bromobenzene	<26.7	ug/kg	68.4	26.7	1	07/26/21 09:00	07/28/21 00:09	108-86-1	H1
Bromochloromethane	<18.7	ug/kg	68.4	18.7	1	07/26/21 09:00	07/28/21 00:09	74-97-5	H1
Bromodichloromethane	<16.3	ug/kg	68.4	16.3	1	07/26/21 09:00	07/28/21 00:09	75-27-4	H1
Bromoform	<301	ug/kg	342	301	1	07/26/21 09:00	07/28/21 00:09	75-25-2	H1
Bromomethane	<95.9	ug/kg	342	95.9	1	07/26/21 09:00	07/28/21 00:09	74-83-9	H1
n-Butylbenzene	<31.3	ug/kg	68.4	31.3	1	07/26/21 09:00	07/28/21 00:09	104-51-8	H1
sec-Butylbenzene	<16.7	ug/kg	68.4	16.7	1	07/26/21 09:00	07/28/21 00:09	135-98-8	H1
tert-Butylbenzene	<21.5	ug/kg	68.4	21.5	1	07/26/21 09:00	07/28/21 00:09	98-06-6	H1
Carbon tetrachloride	<15.0	ug/kg	68.4	15.0	1	07/26/21 09:00	07/28/21 00:09	56-23-5	H1
Chlorobenzene	<8.2	ug/kg	68.4	8.2	1	07/26/21 09:00	07/28/21 00:09	108-90-7	H1
Chloroethane	<28.9	ug/kg	342	28.9	1	07/26/21 09:00	07/28/21 00:09	75-00-3	H1
Chloroform	<49.0	ug/kg	342	49.0	1	07/26/21 09:00	07/28/21 00:09	67-66-3	H1
Chloromethane	<26.0	ug/kg	68.4	26.0	1	07/26/21 09:00	07/28/21 00:09	74-87-3	H1
2-Chlorotoluene	<22.2	ug/kg	68.4	22.2	1	07/26/21 09:00	07/28/21 00:09	95-49-8	H1
4-Chlorotoluene	<26.0	ug/kg	68.4	26.0	1	07/26/21 09:00	07/28/21 00:09	106-43-4	H1
1,2-Dibromo-3-chloropropane	<53.1	ug/kg	342	53.1	1	07/26/21 09:00	07/28/21 00:09	96-12-8	H1
Dibromochloromethane	<234	ug/kg	342	234	1	07/26/21 09:00	07/28/21 00:09	124-48-1	H1
1,2-Dibromoethane (EDB)	<18.7	ug/kg	68.4	18.7	1	07/26/21 09:00	07/28/21 00:09	106-93-4	H1
Dibromomethane	<20.2	ug/kg	68.4	20.2	1	07/26/21 09:00	07/28/21 00:09	74-95-3	H1
1,2-Dichlorobenzene	<21.2	ug/kg	68.4	21.2	1	07/26/21 09:00	07/28/21 00:09	95-50-1	H1
1,3-Dichlorobenzene	<18.7	ug/kg	68.4	18.7	1	07/26/21 09:00	07/28/21 00:09	541-73-1	H1
1,4-Dichlorobenzene	<18.7	ug/kg	68.4	18.7	1	07/26/21 09:00	07/28/21 00:09	106-46-7	H1
Dichlorodifluoromethane	<29.4	ug/kg	68.4	29.4	1	07/26/21 09:00	07/28/21 00:09	75-71-8	H1
1,1-Dichloroethane	<17.5	ug/kg	68.4	17.5	1	07/26/21 09:00	07/28/21 00:09	75-34-3	H1
1,2-Dichloroethane	<15.7	ug/kg	68.4	15.7	1	07/26/21 09:00	07/28/21 00:09	107-06-2	H1
1,1-Dichloroethene	<22.7	ug/kg	68.4	22.7	1	07/26/21 09:00	07/28/21 00:09	75-35-4	H1
cis-1,2-Dichloroethene	<14.6	ug/kg	68.4	14.6	1	07/26/21 09:00	07/28/21 00:09	156-59-2	H1
trans-1,2-Dichloroethene	<14.8	ug/kg	68.4	14.8	1	07/26/21 09:00	07/28/21 00:09	156-60-5	H1
1,2-Dichloropropane	<16.3	ug/kg	68.4	16.3	1	07/26/21 09:00	07/28/21 00:09	78-87-5	H1
1,3-Dichloropropane	<14.9	ug/kg	68.4	14.9	1	07/26/21 09:00	07/28/21 00:09	142-28-9	H1
2,2-Dichloropropane	<18.5	ug/kg	68.4	18.5	1	07/26/21 09:00	07/28/21 00:09	594-20-7	H1
1,1-Dichloropropene	<22.2	ug/kg	68.4	22.2	1	07/26/21 09:00	07/28/21 00:09	563-58-6	H1
cis-1,3-Dichloropropene	<45.1	ug/kg	342	45.1	1	07/26/21 09:00	07/28/21 00:09	10061-01-5	H1
trans-1,3-Dichloropropene	<196	ug/kg	342	196	1	07/26/21 09:00	07/28/21 00:09	10061-02-6	H1
Diisopropyl ether	<17.0	ug/kg	68.4	17.0	1	07/26/21 09:00	07/28/21 00:09	108-20-3	H1
Ethylbenzene	<16.3	ug/kg	68.4	16.3	1	07/26/21 09:00	07/28/21 00:09	100-41-4	H1
Hexachloro-1,3-butadiene	<136	ug/kg	342	136	1	07/26/21 09:00	07/28/21 00:09	87-68-3	H1
Isopropylbenzene (Cumene)	<18.5	ug/kg	68.4	18.5	1	07/26/21 09:00	07/28/21 00:09	98-82-8	H1
p-Isopropyltoluene	<20.8	ug/kg	68.4	20.8	1	07/26/21 09:00	07/28/21 00:09	99-87-6	H1
Methylene Chloride	<19.0	ug/kg	68.4	19.0	1	07/26/21 09:00	07/28/21 00:09	75-09-2	H1
Methyl-tert-butyl ether	<20.1	ug/kg	68.4	20.1	1	07/26/21 09:00	07/28/21 00:09	1634-04-4	H1
Naphthalene	<21.3	ug/kg	342	21.3	1	07/26/21 09:00	07/28/21 00:09	91-20-3	H1
n-Propylbenzene	<16.4	ug/kg	68.4	16.4	1	07/26/21 09:00	07/28/21 00:09	103-65-1	H1

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-4 (5) Lab ID: 40229968010 Collected: 07/13/21 14:20 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<17.5	ug/kg	68.4	17.5	1	07/26/21 09:00	07/28/21 00:09	100-42-5	H1
1,1,1,2-Tetrachloroethane	<16.4	ug/kg	68.4	16.4	1	07/26/21 09:00	07/28/21 00:09	630-20-6	H1
1,1,2,2-Tetrachloroethane	<24.8	ug/kg	68.4	24.8	1	07/26/21 09:00	07/28/21 00:09	79-34-5	H1
Tetrachloroethene	<26.5	ug/kg	68.4	26.5	1	07/26/21 09:00	07/28/21 00:09	127-18-4	H1
Toluene	<17.2	ug/kg	68.4	17.2	1	07/26/21 09:00	07/28/21 00:09	108-88-3	H1
1,2,3-Trichlorobenzene	<76.2	ug/kg	342	76.2	1	07/26/21 09:00	07/28/21 00:09	87-61-6	H1
1,2,4-Trichlorobenzene	<56.3	ug/kg	342	56.3	1	07/26/21 09:00	07/28/21 00:09	120-82-1	H1
1,1,1-Trichloroethane	<17.5	ug/kg	68.4	17.5	1	07/26/21 09:00	07/28/21 00:09	71-55-6	H1
1,1,2-Trichloroethane	<24.9	ug/kg	68.4	24.9	1	07/26/21 09:00	07/28/21 00:09	79-00-5	H1
Trichloroethene	<25.6	ug/kg	68.4	25.6	1	07/26/21 09:00	07/28/21 00:09	79-01-6	H1
Trichlorofluoromethane	<19.8	ug/kg	68.4	19.8	1	07/26/21 09:00	07/28/21 00:09	75-69-4	H1
1,2,3-Trichloropropane	<33.2	ug/kg	68.4	33.2	1	07/26/21 09:00	07/28/21 00:09	96-18-4	H1
1,2,4-Trimethylbenzene	<20.4	ug/kg	68.4	20.4	1	07/26/21 09:00	07/28/21 00:09	95-63-6	H1
1,3,5-Trimethylbenzene	<22.0	ug/kg	68.4	22.0	1	07/26/21 09:00	07/28/21 00:09	108-67-8	H1
Vinyl chloride	<13.8	ug/kg	68.4	13.8	1	07/26/21 09:00	07/28/21 00:09	75-01-4	H1
m&p-Xylene	<28.9	ug/kg	137	28.9	1	07/26/21 09:00	07/28/21 00:09	179601-23-1	H1
o-Xylene	<20.5	ug/kg	68.4	20.5	1	07/26/21 09:00	07/28/21 00:09	95-47-6	H1
Surrogates									
Toluene-d8 (S)	104	%	67-159		1	07/26/21 09:00	07/28/21 00:09	2037-26-5	
4-Bromofluorobenzene (S)	100	%	66-153		1	07/26/21 09:00	07/28/21 00:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	82-158		1	07/26/21 09:00	07/28/21 00:09	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.5	%	0.10	0.10	1		07/15/21 17:08		

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-3 (1) Lab ID: 40229968011 Collected: 07/13/21 14:30 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<15.8	ug/kg	26.5	15.8	1	07/26/21 09:00	07/28/21 00:30	71-43-2	H1
Bromobenzene	<25.8	ug/kg	66.2	25.8	1	07/26/21 09:00	07/28/21 00:30	108-86-1	H1
Bromochloromethane	<18.1	ug/kg	66.2	18.1	1	07/26/21 09:00	07/28/21 00:30	74-97-5	H1
Bromodichloromethane	<15.8	ug/kg	66.2	15.8	1	07/26/21 09:00	07/28/21 00:30	75-27-4	H1
Bromoform	<291	ug/kg	331	291	1	07/26/21 09:00	07/28/21 00:30	75-25-2	H1
Bromomethane	<92.8	ug/kg	331	92.8	1	07/26/21 09:00	07/28/21 00:30	74-83-9	H1
n-Butylbenzene	<30.3	ug/kg	66.2	30.3	1	07/26/21 09:00	07/28/21 00:30	104-51-8	H1
sec-Butylbenzene	<16.2	ug/kg	66.2	16.2	1	07/26/21 09:00	07/28/21 00:30	135-98-8	H1
tert-Butylbenzene	<20.8	ug/kg	66.2	20.8	1	07/26/21 09:00	07/28/21 00:30	98-06-6	H1
Carbon tetrachloride	<14.6	ug/kg	66.2	14.6	1	07/26/21 09:00	07/28/21 00:30	56-23-5	H1
Chlorobenzene	<7.9	ug/kg	66.2	7.9	1	07/26/21 09:00	07/28/21 00:30	108-90-7	H1
Chloroethane	<27.9	ug/kg	331	27.9	1	07/26/21 09:00	07/28/21 00:30	75-00-3	H1
Chloroform	<47.4	ug/kg	331	47.4	1	07/26/21 09:00	07/28/21 00:30	67-66-3	H1
Chloromethane	<25.2	ug/kg	66.2	25.2	1	07/26/21 09:00	07/28/21 00:30	74-87-3	H1
2-Chlorotoluene	<21.5	ug/kg	66.2	21.5	1	07/26/21 09:00	07/28/21 00:30	95-49-8	H1
4-Chlorotoluene	<25.2	ug/kg	66.2	25.2	1	07/26/21 09:00	07/28/21 00:30	106-43-4	H1
1,2-Dibromo-3-chloropropane	<51.4	ug/kg	331	51.4	1	07/26/21 09:00	07/28/21 00:30	96-12-8	H1
Dibromochloromethane	<226	ug/kg	331	226	1	07/26/21 09:00	07/28/21 00:30	124-48-1	H1
1,2-Dibromoethane (EDB)	<18.1	ug/kg	66.2	18.1	1	07/26/21 09:00	07/28/21 00:30	106-93-4	H1
Dibromomethane	<19.6	ug/kg	66.2	19.6	1	07/26/21 09:00	07/28/21 00:30	74-95-3	H1
1,2-Dichlorobenzene	<20.5	ug/kg	66.2	20.5	1	07/26/21 09:00	07/28/21 00:30	95-50-1	H1
1,3-Dichlorobenzene	<18.1	ug/kg	66.2	18.1	1	07/26/21 09:00	07/28/21 00:30	541-73-1	H1
1,4-Dichlorobenzene	<18.1	ug/kg	66.2	18.1	1	07/26/21 09:00	07/28/21 00:30	106-46-7	H1
Dichlorodifluoromethane	<28.5	ug/kg	66.2	28.5	1	07/26/21 09:00	07/28/21 00:30	75-71-8	H1
1,1-Dichloroethane	<17.0	ug/kg	66.2	17.0	1	07/26/21 09:00	07/28/21 00:30	75-34-3	H1
1,2-Dichloroethane	<15.2	ug/kg	66.2	15.2	1	07/26/21 09:00	07/28/21 00:30	107-06-2	H1
1,1-Dichloroethene	<22.0	ug/kg	66.2	22.0	1	07/26/21 09:00	07/28/21 00:30	75-35-4	H1
cis-1,2-Dichloroethene	<14.2	ug/kg	66.2	14.2	1	07/26/21 09:00	07/28/21 00:30	156-59-2	H1
trans-1,2-Dichloroethene	<14.3	ug/kg	66.2	14.3	1	07/26/21 09:00	07/28/21 00:30	156-60-5	H1
1,2-Dichloropropane	<15.8	ug/kg	66.2	15.8	1	07/26/21 09:00	07/28/21 00:30	78-87-5	H1
1,3-Dichloropropane	<14.4	ug/kg	66.2	14.4	1	07/26/21 09:00	07/28/21 00:30	142-28-9	H1
2,2-Dichloropropane	<17.9	ug/kg	66.2	17.9	1	07/26/21 09:00	07/28/21 00:30	594-20-7	H1
1,1-Dichloropropene	<21.5	ug/kg	66.2	21.5	1	07/26/21 09:00	07/28/21 00:30	563-58-6	H1
cis-1,3-Dichloropropene	<43.7	ug/kg	331	43.7	1	07/26/21 09:00	07/28/21 00:30	10061-01-5	H1
trans-1,3-Dichloropropene	<189	ug/kg	331	189	1	07/26/21 09:00	07/28/21 00:30	10061-02-6	H1
Diisopropyl ether	<16.4	ug/kg	66.2	16.4	1	07/26/21 09:00	07/28/21 00:30	108-20-3	H1
Ethylbenzene	<15.8	ug/kg	66.2	15.8	1	07/26/21 09:00	07/28/21 00:30	100-41-4	H1
Hexachloro-1,3-butadiene	<132	ug/kg	331	132	1	07/26/21 09:00	07/28/21 00:30	87-68-3	H1
Isopropylbenzene (Cumene)	<17.9	ug/kg	66.2	17.9	1	07/26/21 09:00	07/28/21 00:30	98-82-8	H1
p-Isopropyltoluene	<20.1	ug/kg	66.2	20.1	1	07/26/21 09:00	07/28/21 00:30	99-87-6	H1
Methylene Chloride	<18.4	ug/kg	66.2	18.4	1	07/26/21 09:00	07/28/21 00:30	75-09-2	H1
Methyl-tert-butyl ether	<19.5	ug/kg	66.2	19.5	1	07/26/21 09:00	07/28/21 00:30	1634-04-4	H1
Naphthalene	<20.7	ug/kg	331	20.7	1	07/26/21 09:00	07/28/21 00:30	91-20-3	H1
n-Propylbenzene	<15.9	ug/kg	66.2	15.9	1	07/26/21 09:00	07/28/21 00:30	103-65-1	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

Sample: P-3 (1) **Lab ID: 40229968011** Collected: 07/13/21 14:30 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<17.0	ug/kg	66.2	17.0	1	07/26/21 09:00	07/28/21 00:30	100-42-5	H1
1,1,1,2-Tetrachloroethane	<15.9	ug/kg	66.2	15.9	1	07/26/21 09:00	07/28/21 00:30	630-20-6	H1
1,1,2,2-Tetrachloroethane	<24.0	ug/kg	66.2	24.0	1	07/26/21 09:00	07/28/21 00:30	79-34-5	H1
Tetrachloroethene	<25.7	ug/kg	66.2	25.7	1	07/26/21 09:00	07/28/21 00:30	127-18-4	H1
Toluene	<16.7	ug/kg	66.2	16.7	1	07/26/21 09:00	07/28/21 00:30	108-88-3	H1
1,2,3-Trichlorobenzene	<73.8	ug/kg	331	73.8	1	07/26/21 09:00	07/28/21 00:30	87-61-6	H1
1,2,4-Trichlorobenzene	<54.6	ug/kg	331	54.6	1	07/26/21 09:00	07/28/21 00:30	120-82-1	H1
1,1,1-Trichloroethane	<17.0	ug/kg	66.2	17.0	1	07/26/21 09:00	07/28/21 00:30	71-55-6	H1
1,1,2-Trichloroethane	<24.1	ug/kg	66.2	24.1	1	07/26/21 09:00	07/28/21 00:30	79-00-5	H1
Trichloroethene	<24.8	ug/kg	66.2	24.8	1	07/26/21 09:00	07/28/21 00:30	79-01-6	H1
Trichlorofluoromethane	<19.2	ug/kg	66.2	19.2	1	07/26/21 09:00	07/28/21 00:30	75-69-4	H1
1,2,3-Trichloropropane	<32.2	ug/kg	66.2	32.2	1	07/26/21 09:00	07/28/21 00:30	96-18-4	H1
1,2,4-Trimethylbenzene	<19.7	ug/kg	66.2	19.7	1	07/26/21 09:00	07/28/21 00:30	95-63-6	H1
1,3,5-Trimethylbenzene	<21.3	ug/kg	66.2	21.3	1	07/26/21 09:00	07/28/21 00:30	108-67-8	H1
Vinyl chloride	<13.4	ug/kg	66.2	13.4	1	07/26/21 09:00	07/28/21 00:30	75-01-4	H1
m&p-Xylene	<27.9	ug/kg	132	27.9	1	07/26/21 09:00	07/28/21 00:30	179601-23-1	H1
o-Xylene	<19.9	ug/kg	66.2	19.9	1	07/26/21 09:00	07/28/21 00:30	95-47-6	H1
Surrogates									
Toluene-d8 (S)	114	%	67-159		1	07/26/21 09:00	07/28/21 00:30	2037-26-5	
4-Bromofluorobenzene (S)	107	%	66-153		1	07/26/21 09:00	07/28/21 00:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	114	%	82-158		1	07/26/21 09:00	07/28/21 00:30	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.0	%	0.10	0.10	1		07/15/21 17:08		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-3 (6) **Lab ID: 40229968012** Collected: 07/13/21 14:40 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Dichlorodifluoromethane	<29.2	ug/kg	67.9	29.2	1	07/26/21 09:00	07/27/21 22:08	75-71-8	
Chloromethane	<25.8	ug/kg	67.9	25.8	1	07/26/21 09:00	07/27/21 22:08	74-87-3	
Vinyl chloride	<13.7	ug/kg	67.9	13.7	1	07/26/21 09:00	07/27/21 22:08	75-01-4	
Bromomethane	<95.2	ug/kg	340	95.2	1	07/26/21 09:00	07/27/21 22:08	74-83-9	
Chloroethane	<28.7	ug/kg	340	28.7	1	07/26/21 09:00	07/27/21 22:08	75-00-3	
Trichlorofluoromethane	<19.7	ug/kg	67.9	19.7	1	07/26/21 09:00	07/27/21 22:08	75-69-4	
Methylene Chloride	<18.9	ug/kg	67.9	18.9	1	07/26/21 09:00	07/27/21 22:08	75-09-2	
1,1-Dichloroethene	<22.5	ug/kg	67.9	22.5	1	07/26/21 09:00	07/27/21 22:08	75-35-4	
trans-1,2-Dichloroethene	<14.7	ug/kg	67.9	14.7	1	07/26/21 09:00	07/27/21 22:08	156-60-5	
1,1-Dichloroethane	<17.4	ug/kg	67.9	17.4	1	07/26/21 09:00	07/27/21 22:08	75-34-3	
2,2-Dichloropropane	<18.3	ug/kg	67.9	18.3	1	07/26/21 09:00	07/27/21 22:08	594-20-7	
cis-1,2-Dichloroethene	<14.5	ug/kg	67.9	14.5	1	07/26/21 09:00	07/27/21 22:08	156-59-2	
Chloroform	<48.6	ug/kg	340	48.6	1	07/26/21 09:00	07/27/21 22:08	67-66-3	
Bromochloromethane	<18.6	ug/kg	67.9	18.6	1	07/26/21 09:00	07/27/21 22:08	74-97-5	
1,1,1-Trichloroethane	<17.4	ug/kg	67.9	17.4	1	07/26/21 09:00	07/27/21 22:08	71-55-6	
Carbon tetrachloride	<14.9	ug/kg	67.9	14.9	1	07/26/21 09:00	07/27/21 22:08	56-23-5	
1,1-Dichloropropene	<22.0	ug/kg	67.9	22.0	1	07/26/21 09:00	07/27/21 22:08	563-58-6	
Benzene	<16.2	ug/kg	27.2	16.2	1	07/26/21 09:00	07/27/21 22:08	71-43-2	
1,2-Dichloroethane	<15.6	ug/kg	67.9	15.6	1	07/26/21 09:00	07/27/21 22:08	107-06-2	
Trichloroethene	<25.4	ug/kg	67.9	25.4	1	07/26/21 09:00	07/27/21 22:08	79-01-6	
1,2-Dichloropropane	<16.2	ug/kg	67.9	16.2	1	07/26/21 09:00	07/27/21 22:08	78-87-5	
Bromodichloromethane	<16.2	ug/kg	67.9	16.2	1	07/26/21 09:00	07/27/21 22:08	75-27-4	
Dibromomethane	<20.1	ug/kg	67.9	20.1	1	07/26/21 09:00	07/27/21 22:08	74-95-3	
trans-1,3-Dichloropropene	<194	ug/kg	340	194	1	07/26/21 09:00	07/27/21 22:08	10061-02-6	
Toluene	<17.1	ug/kg	67.9	17.1	1	07/26/21 09:00	07/27/21 22:08	108-88-3	
cis-1,3-Dichloropropene	<44.8	ug/kg	340	44.8	1	07/26/21 09:00	07/27/21 22:08	10061-01-5	
1,1,2-Trichloroethane	<24.7	ug/kg	67.9	24.7	1	07/26/21 09:00	07/27/21 22:08	79-00-5	
Tetrachloroethene	<26.3	ug/kg	67.9	26.3	1	07/26/21 09:00	07/27/21 22:08	127-18-4	
1,3-Dichloropropane	<14.8	ug/kg	67.9	14.8	1	07/26/21 09:00	07/27/21 22:08	142-28-9	
Dibromochloromethane	<232	ug/kg	340	232	1	07/26/21 09:00	07/27/21 22:08	124-48-1	
1,2-Dibromoethane (EDB)	<18.6	ug/kg	67.9	18.6	1	07/26/21 09:00	07/27/21 22:08	106-93-4	
Chlorobenzene	<8.1	ug/kg	67.9	8.1	1	07/26/21 09:00	07/27/21 22:08	108-90-7	
1,1,1,2-Tetrachloroethane	<16.3	ug/kg	67.9	16.3	1	07/26/21 09:00	07/27/21 22:08	630-20-6	
Ethylbenzene	<16.2	ug/kg	67.9	16.2	1	07/26/21 09:00	07/27/21 22:08	100-41-4	
m&p-Xylene	<28.7	ug/kg	136	28.7	1	07/26/21 09:00	07/27/21 22:08	179601-23-1	
o-Xylene	<20.4	ug/kg	67.9	20.4	1	07/26/21 09:00	07/27/21 22:08	95-47-6	
Styrene	<17.4	ug/kg	67.9	17.4	1	07/26/21 09:00	07/27/21 22:08	100-42-5	
Bromoform	<299	ug/kg	340	299	1	07/26/21 09:00	07/27/21 22:08	75-25-2	
Isopropylbenzene (Cumene)	<18.3	ug/kg	67.9	18.3	1	07/26/21 09:00	07/27/21 22:08	98-82-8	
1,1,1,2-Tetrachloroethane	<24.6	ug/kg	67.9	24.6	1	07/26/21 09:00	07/27/21 22:08	79-34-5	
Bromobenzene	<26.5	ug/kg	67.9	26.5	1	07/26/21 09:00	07/27/21 22:08	108-86-1	
1,2,3-Trichloropropane	<33.0	ug/kg	67.9	33.0	1	07/26/21 09:00	07/27/21 22:08	96-18-4	
n-Propylbenzene	<16.3	ug/kg	67.9	16.3	1	07/26/21 09:00	07/27/21 22:08	103-65-1	
2-Chlorotoluene	<22.0	ug/kg	67.9	22.0	1	07/26/21 09:00	07/27/21 22:08	95-49-8	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

Sample: P-3 (6) **Lab ID: 40229968012** Collected: 07/13/21 14:40 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3,5-Trimethylbenzene	<21.9	ug/kg	67.9	21.9	1	07/26/21 09:00	07/27/21 22:08	108-67-8	
4-Chlorotoluene	<25.8	ug/kg	67.9	25.8	1	07/26/21 09:00	07/27/21 22:08	106-43-4	
tert-Butylbenzene	<21.3	ug/kg	67.9	21.3	1	07/26/21 09:00	07/27/21 22:08	98-06-6	
1,2,4-Trimethylbenzene	<20.2	ug/kg	67.9	20.2	1	07/26/21 09:00	07/27/21 22:08	95-63-6	
sec-Butylbenzene	<16.6	ug/kg	67.9	16.6	1	07/26/21 09:00	07/27/21 22:08	135-98-8	
p-Isopropyltoluene	<20.6	ug/kg	67.9	20.6	1	07/26/21 09:00	07/27/21 22:08	99-87-6	
1,3-Dichlorobenzene	<18.6	ug/kg	67.9	18.6	1	07/26/21 09:00	07/27/21 22:08	541-73-1	
1,4-Dichlorobenzene	<18.6	ug/kg	67.9	18.6	1	07/26/21 09:00	07/27/21 22:08	106-46-7	
n-Butylbenzene	<31.1	ug/kg	67.9	31.1	1	07/26/21 09:00	07/27/21 22:08	104-51-8	
1,2-Dichlorobenzene	<21.1	ug/kg	67.9	21.1	1	07/26/21 09:00	07/27/21 22:08	95-50-1	
1,2-Dibromo-3-chloropropane	<52.7	ug/kg	340	52.7	1	07/26/21 09:00	07/27/21 22:08	96-12-8	
1,2,4-Trichlorobenzene	<56.0	ug/kg	340	56.0	1	07/26/21 09:00	07/27/21 22:08	120-82-1	
Hexachloro-1,3-butadiene	<135	ug/kg	340	135	1	07/26/21 09:00	07/27/21 22:08	87-68-3	
Naphthalene	<21.2	ug/kg	340	21.2	1	07/26/21 09:00	07/27/21 22:08	91-20-3	
1,2,3-Trichlorobenzene	<75.7	ug/kg	340	75.7	1	07/26/21 09:00	07/27/21 22:08	87-61-6	
Methyl-tert-butyl ether	<20.0	ug/kg	67.9	20.0	1	07/26/21 09:00	07/27/21 22:08	1634-04-4	
Diisopropyl ether	<16.8	ug/kg	67.9	16.8	1	07/26/21 09:00	07/27/21 22:08	108-20-3	
Surrogates									
Toluene-d8 (S)	108	%	67-159		1	07/26/21 09:00	07/27/21 22:08	2037-26-5	
4-Bromofluorobenzene (S)	103	%	66-153		1	07/26/21 09:00	07/27/21 22:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	82-158		1	07/26/21 09:00	07/27/21 22:08	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.2	%	0.10	0.10	1		07/15/21 17:08		

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-1 (1) Lab ID: 40229968013 Collected: 07/13/21 15:30 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<17.0	ug/kg	28.5	17.0	1	07/26/21 09:00	07/28/21 00:50	71-43-2	H1
Bromobenzene	<27.8	ug/kg	71.4	27.8	1	07/26/21 09:00	07/28/21 00:50	108-86-1	H1
Bromochloromethane	<19.6	ug/kg	71.4	19.6	1	07/26/21 09:00	07/28/21 00:50	74-97-5	H1
Bromodichloromethane	<17.0	ug/kg	71.4	17.0	1	07/26/21 09:00	07/28/21 00:50	75-27-4	H1
Bromoform	<314	ug/kg	357	314	1	07/26/21 09:00	07/28/21 00:50	75-25-2	H1
Bromomethane	<100	ug/kg	357	100	1	07/26/21 09:00	07/28/21 00:50	74-83-9	H1
n-Butylbenzene	<32.7	ug/kg	71.4	32.7	1	07/26/21 09:00	07/28/21 00:50	104-51-8	H1
sec-Butylbenzene	<17.4	ug/kg	71.4	17.4	1	07/26/21 09:00	07/28/21 00:50	135-98-8	H1
tert-Butylbenzene	<22.4	ug/kg	71.4	22.4	1	07/26/21 09:00	07/28/21 00:50	98-06-6	H1
Carbon tetrachloride	<15.7	ug/kg	71.4	15.7	1	07/26/21 09:00	07/28/21 00:50	56-23-5	H1
Chlorobenzene	<8.5	ug/kg	71.4	8.5	1	07/26/21 09:00	07/28/21 00:50	108-90-7	H1
Chloroethane	<30.1	ug/kg	357	30.1	1	07/26/21 09:00	07/28/21 00:50	75-00-3	H1
Chloroform	<51.1	ug/kg	357	51.1	1	07/26/21 09:00	07/28/21 00:50	67-66-3	H1
Chloromethane	<27.1	ug/kg	71.4	27.1	1	07/26/21 09:00	07/28/21 00:50	74-87-3	H1
2-Chlorotoluene	<23.1	ug/kg	71.4	23.1	1	07/26/21 09:00	07/28/21 00:50	95-49-8	H1
4-Chlorotoluene	<27.1	ug/kg	71.4	27.1	1	07/26/21 09:00	07/28/21 00:50	106-43-4	H1
1,2-Dibromo-3-chloropropane	<55.4	ug/kg	357	55.4	1	07/26/21 09:00	07/28/21 00:50	96-12-8	H1
Dibromochloromethane	<244	ug/kg	357	244	1	07/26/21 09:00	07/28/21 00:50	124-48-1	H1
1,2-Dibromoethane (EDB)	<19.6	ug/kg	71.4	19.6	1	07/26/21 09:00	07/28/21 00:50	106-93-4	H1
Dibromomethane	<21.1	ug/kg	71.4	21.1	1	07/26/21 09:00	07/28/21 00:50	74-95-3	H1
1,2-Dichlorobenzene	<22.1	ug/kg	71.4	22.1	1	07/26/21 09:00	07/28/21 00:50	95-50-1	H1
1,3-Dichlorobenzene	<19.6	ug/kg	71.4	19.6	1	07/26/21 09:00	07/28/21 00:50	541-73-1	H1
1,4-Dichlorobenzene	<19.6	ug/kg	71.4	19.6	1	07/26/21 09:00	07/28/21 00:50	106-46-7	H1
Dichlorodifluoromethane	<30.7	ug/kg	71.4	30.7	1	07/26/21 09:00	07/28/21 00:50	75-71-8	H1
1,1-Dichloroethane	<18.3	ug/kg	71.4	18.3	1	07/26/21 09:00	07/28/21 00:50	75-34-3	H1
1,2-Dichloroethane	<16.4	ug/kg	71.4	16.4	1	07/26/21 09:00	07/28/21 00:50	107-06-2	H1
1,1-Dichloroethene	<23.7	ug/kg	71.4	23.7	1	07/26/21 09:00	07/28/21 00:50	75-35-4	H1
cis-1,2-Dichloroethene	<15.3	ug/kg	71.4	15.3	1	07/26/21 09:00	07/28/21 00:50	156-59-2	H1
trans-1,2-Dichloroethene	<15.4	ug/kg	71.4	15.4	1	07/26/21 09:00	07/28/21 00:50	156-60-5	H1
1,2-Dichloropropane	<17.0	ug/kg	71.4	17.0	1	07/26/21 09:00	07/28/21 00:50	78-87-5	H1
1,3-Dichloropropane	<15.6	ug/kg	71.4	15.6	1	07/26/21 09:00	07/28/21 00:50	142-28-9	H1
2,2-Dichloropropane	<19.3	ug/kg	71.4	19.3	1	07/26/21 09:00	07/28/21 00:50	594-20-7	H1
1,1-Dichloropropene	<23.1	ug/kg	71.4	23.1	1	07/26/21 09:00	07/28/21 00:50	563-58-6	H1
cis-1,3-Dichloropropene	<47.1	ug/kg	357	47.1	1	07/26/21 09:00	07/28/21 00:50	10061-01-5	H1
trans-1,3-Dichloropropene	<204	ug/kg	357	204	1	07/26/21 09:00	07/28/21 00:50	10061-02-6	H1
Diisopropyl ether	<17.7	ug/kg	71.4	17.7	1	07/26/21 09:00	07/28/21 00:50	108-20-3	H1
Ethylbenzene	<17.0	ug/kg	71.4	17.0	1	07/26/21 09:00	07/28/21 00:50	100-41-4	H1
Hexachloro-1,3-butadiene	<142	ug/kg	357	142	1	07/26/21 09:00	07/28/21 00:50	87-68-3	H1
Isopropylbenzene (Cumene)	<19.3	ug/kg	71.4	19.3	1	07/26/21 09:00	07/28/21 00:50	98-82-8	H1
p-Isopropyltoluene	<21.7	ug/kg	71.4	21.7	1	07/26/21 09:00	07/28/21 00:50	99-87-6	H1
Methylene Chloride	<19.8	ug/kg	71.4	19.8	1	07/26/21 09:00	07/28/21 00:50	75-09-2	H1
Methyl-tert-butyl ether	<21.0	ug/kg	71.4	21.0	1	07/26/21 09:00	07/28/21 00:50	1634-04-4	H1
Naphthalene	<22.3	ug/kg	357	22.3	1	07/26/21 09:00	07/28/21 00:50	91-20-3	H1
n-Propylbenzene	<17.1	ug/kg	71.4	17.1	1	07/26/21 09:00	07/28/21 00:50	103-65-1	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-1 (1) Lab ID: 40229968013 Collected: 07/13/21 15:30 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<18.3	ug/kg	71.4	18.3	1	07/26/21 09:00	07/28/21 00:50	100-42-5	H1
1,1,1,2-Tetrachloroethane	<17.1	ug/kg	71.4	17.1	1	07/26/21 09:00	07/28/21 00:50	630-20-6	H1
1,1,2,2-Tetrachloroethane	<25.8	ug/kg	71.4	25.8	1	07/26/21 09:00	07/28/21 00:50	79-34-5	H1
Tetrachloroethene	373	ug/kg	71.4	27.7	1	07/26/21 09:00	07/28/21 00:50	127-18-4	H1
Toluene	<18.0	ug/kg	71.4	18.0	1	07/26/21 09:00	07/28/21 00:50	108-88-3	H1
1,2,3-Trichlorobenzene	<79.5	ug/kg	357	79.5	1	07/26/21 09:00	07/28/21 00:50	87-61-6	H1
1,2,4-Trichlorobenzene	<58.8	ug/kg	357	58.8	1	07/26/21 09:00	07/28/21 00:50	120-82-1	H1
1,1,1-Trichloroethane	<18.3	ug/kg	71.4	18.3	1	07/26/21 09:00	07/28/21 00:50	71-55-6	H1
1,1,2-Trichloroethane	<26.0	ug/kg	71.4	26.0	1	07/26/21 09:00	07/28/21 00:50	79-00-5	H1
Trichloroethene	<26.7	ug/kg	71.4	26.7	1	07/26/21 09:00	07/28/21 00:50	79-01-6	H1
Trichlorofluoromethane	<20.7	ug/kg	71.4	20.7	1	07/26/21 09:00	07/28/21 00:50	75-69-4	H1
1,2,3-Trichloropropane	<34.7	ug/kg	71.4	34.7	1	07/26/21 09:00	07/28/21 00:50	96-18-4	H1
1,2,4-Trimethylbenzene	<21.3	ug/kg	71.4	21.3	1	07/26/21 09:00	07/28/21 00:50	95-63-6	H1
1,3,5-Trimethylbenzene	<23.0	ug/kg	71.4	23.0	1	07/26/21 09:00	07/28/21 00:50	108-67-8	H1
Vinyl chloride	<14.4	ug/kg	71.4	14.4	1	07/26/21 09:00	07/28/21 00:50	75-01-4	H1
m&p-Xylene	<30.1	ug/kg	143	30.1	1	07/26/21 09:00	07/28/21 00:50	179601-23-1	H1
o-Xylene	<21.4	ug/kg	71.4	21.4	1	07/26/21 09:00	07/28/21 00:50	95-47-6	H1
Surrogates									
Toluene-d8 (S)	134	%	67-159		1	07/26/21 09:00	07/28/21 00:50	2037-26-5	
4-Bromofluorobenzene (S)	124	%	66-153		1	07/26/21 09:00	07/28/21 00:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	132	%	82-158		1	07/26/21 09:00	07/28/21 00:50	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.6	%	0.10	0.10	1		07/15/21 17:08		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-1 (4) Lab ID: 40229968014 Collected: 07/13/21 15:40 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<17.4	ug/kg	29.2	17.4	1	07/26/21 09:00	07/28/21 01:10	71-43-2	H1
Bromobenzene	<28.5	ug/kg	73.0	28.5	1	07/26/21 09:00	07/28/21 01:10	108-86-1	H1
Bromochloromethane	<20.0	ug/kg	73.0	20.0	1	07/26/21 09:00	07/28/21 01:10	74-97-5	H1
Bromodichloromethane	<17.4	ug/kg	73.0	17.4	1	07/26/21 09:00	07/28/21 01:10	75-27-4	H1
Bromoform	<321	ug/kg	365	321	1	07/26/21 09:00	07/28/21 01:10	75-25-2	H1
Bromomethane	<102	ug/kg	365	102	1	07/26/21 09:00	07/28/21 01:10	74-83-9	H1
n-Butylbenzene	<33.4	ug/kg	73.0	33.4	1	07/26/21 09:00	07/28/21 01:10	104-51-8	H1
sec-Butylbenzene	<17.8	ug/kg	73.0	17.8	1	07/26/21 09:00	07/28/21 01:10	135-98-8	H1
tert-Butylbenzene	<22.9	ug/kg	73.0	22.9	1	07/26/21 09:00	07/28/21 01:10	98-06-6	H1
Carbon tetrachloride	<16.1	ug/kg	73.0	16.1	1	07/26/21 09:00	07/28/21 01:10	56-23-5	H1
Chlorobenzene	<8.7	ug/kg	73.0	8.7	1	07/26/21 09:00	07/28/21 01:10	108-90-7	H1
Chloroethane	<30.8	ug/kg	365	30.8	1	07/26/21 09:00	07/28/21 01:10	75-00-3	H1
Chloroform	<52.3	ug/kg	365	52.3	1	07/26/21 09:00	07/28/21 01:10	67-66-3	H1
Chloromethane	<27.8	ug/kg	73.0	27.8	1	07/26/21 09:00	07/28/21 01:10	74-87-3	H1
2-Chlorotoluene	<23.7	ug/kg	73.0	23.7	1	07/26/21 09:00	07/28/21 01:10	95-49-8	H1
4-Chlorotoluene	<27.8	ug/kg	73.0	27.8	1	07/26/21 09:00	07/28/21 01:10	106-43-4	H1
1,2-Dibromo-3-chloropropane	<56.7	ug/kg	365	56.7	1	07/26/21 09:00	07/28/21 01:10	96-12-8	H1
Dibromochloromethane	<250	ug/kg	365	250	1	07/26/21 09:00	07/28/21 01:10	124-48-1	H1
1,2-Dibromoethane (EDB)	<20.0	ug/kg	73.0	20.0	1	07/26/21 09:00	07/28/21 01:10	106-93-4	H1
Dibromomethane	<21.6	ug/kg	73.0	21.6	1	07/26/21 09:00	07/28/21 01:10	74-95-3	H1
1,2-Dichlorobenzene	<22.6	ug/kg	73.0	22.6	1	07/26/21 09:00	07/28/21 01:10	95-50-1	H1
1,3-Dichlorobenzene	<20.0	ug/kg	73.0	20.0	1	07/26/21 09:00	07/28/21 01:10	541-73-1	H1
1,4-Dichlorobenzene	<20.0	ug/kg	73.0	20.0	1	07/26/21 09:00	07/28/21 01:10	106-46-7	H1
Dichlorodifluoromethane	<31.4	ug/kg	73.0	31.4	1	07/26/21 09:00	07/28/21 01:10	75-71-8	H1
1,1-Dichloroethane	<18.7	ug/kg	73.0	18.7	1	07/26/21 09:00	07/28/21 01:10	75-34-3	H1
1,2-Dichloroethane	<16.8	ug/kg	73.0	16.8	1	07/26/21 09:00	07/28/21 01:10	107-06-2	H1
1,1-Dichloroethene	<24.2	ug/kg	73.0	24.2	1	07/26/21 09:00	07/28/21 01:10	75-35-4	H1
cis-1,2-Dichloroethene	<15.6	ug/kg	73.0	15.6	1	07/26/21 09:00	07/28/21 01:10	156-59-2	H1
trans-1,2-Dichloroethene	<15.8	ug/kg	73.0	15.8	1	07/26/21 09:00	07/28/21 01:10	156-60-5	H1
1,2-Dichloropropane	<17.4	ug/kg	73.0	17.4	1	07/26/21 09:00	07/28/21 01:10	78-87-5	H1
1,3-Dichloropropane	<15.9	ug/kg	73.0	15.9	1	07/26/21 09:00	07/28/21 01:10	142-28-9	H1
2,2-Dichloropropane	<19.7	ug/kg	73.0	19.7	1	07/26/21 09:00	07/28/21 01:10	594-20-7	H1
1,1-Dichloropropene	<23.7	ug/kg	73.0	23.7	1	07/26/21 09:00	07/28/21 01:10	563-58-6	H1
cis-1,3-Dichloropropene	<48.2	ug/kg	365	48.2	1	07/26/21 09:00	07/28/21 01:10	10061-01-5	H1
trans-1,3-Dichloropropene	<209	ug/kg	365	209	1	07/26/21 09:00	07/28/21 01:10	10061-02-6	H1
Diisopropyl ether	<18.1	ug/kg	73.0	18.1	1	07/26/21 09:00	07/28/21 01:10	108-20-3	H1
Ethylbenzene	<17.4	ug/kg	73.0	17.4	1	07/26/21 09:00	07/28/21 01:10	100-41-4	H1
Hexachloro-1,3-butadiene	<145	ug/kg	365	145	1	07/26/21 09:00	07/28/21 01:10	87-68-3	H1
Isopropylbenzene (Cumene)	<19.7	ug/kg	73.0	19.7	1	07/26/21 09:00	07/28/21 01:10	98-82-8	H1
p-Isopropyltoluene	<22.2	ug/kg	73.0	22.2	1	07/26/21 09:00	07/28/21 01:10	99-87-6	H1
Methylene Chloride	<20.3	ug/kg	73.0	20.3	1	07/26/21 09:00	07/28/21 01:10	75-09-2	H1
Methyl-tert-butyl ether	<21.5	ug/kg	73.0	21.5	1	07/26/21 09:00	07/28/21 01:10	1634-04-4	H1
Naphthalene	<22.8	ug/kg	365	22.8	1	07/26/21 09:00	07/28/21 01:10	91-20-3	H1
n-Propylbenzene	<17.5	ug/kg	73.0	17.5	1	07/26/21 09:00	07/28/21 01:10	103-65-1	H1

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-1 (4) Lab ID: 40229968014 Collected: 07/13/21 15:40 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<18.7	ug/kg	73.0	18.7	1	07/26/21 09:00	07/28/21 01:10	100-42-5	H1
1,1,1,2-Tetrachloroethane	<17.5	ug/kg	73.0	17.5	1	07/26/21 09:00	07/28/21 01:10	630-20-6	H1
1,1,2,2-Tetrachloroethane	<26.4	ug/kg	73.0	26.4	1	07/26/21 09:00	07/28/21 01:10	79-34-5	H1
Tetrachloroethene	<28.3	ug/kg	73.0	28.3	1	07/26/21 09:00	07/28/21 01:10	127-18-4	H1
Toluene	<18.4	ug/kg	73.0	18.4	1	07/26/21 09:00	07/28/21 01:10	108-88-3	H1
1,2,3-Trichlorobenzene	<81.4	ug/kg	365	81.4	1	07/26/21 09:00	07/28/21 01:10	87-61-6	H1
1,2,4-Trichlorobenzene	<60.2	ug/kg	365	60.2	1	07/26/21 09:00	07/28/21 01:10	120-82-1	H1
1,1,1-Trichloroethane	<18.7	ug/kg	73.0	18.7	1	07/26/21 09:00	07/28/21 01:10	71-55-6	H1
1,1,2-Trichloroethane	<26.6	ug/kg	73.0	26.6	1	07/26/21 09:00	07/28/21 01:10	79-00-5	H1
Trichloroethene	<27.3	ug/kg	73.0	27.3	1	07/26/21 09:00	07/28/21 01:10	79-01-6	H1
Trichlorofluoromethane	<21.2	ug/kg	73.0	21.2	1	07/26/21 09:00	07/28/21 01:10	75-69-4	H1
1,2,3-Trichloropropane	<35.5	ug/kg	73.0	35.5	1	07/26/21 09:00	07/28/21 01:10	96-18-4	H1
1,2,4-Trimethylbenzene	<21.8	ug/kg	73.0	21.8	1	07/26/21 09:00	07/28/21 01:10	95-63-6	H1
1,3,5-Trimethylbenzene	<23.5	ug/kg	73.0	23.5	1	07/26/21 09:00	07/28/21 01:10	108-67-8	H1
Vinyl chloride	<14.8	ug/kg	73.0	14.8	1	07/26/21 09:00	07/28/21 01:10	75-01-4	H1
m&p-Xylene	<30.8	ug/kg	146	30.8	1	07/26/21 09:00	07/28/21 01:10	179601-23-1	H1
o-Xylene	<21.9	ug/kg	73.0	21.9	1	07/26/21 09:00	07/28/21 01:10	95-47-6	H1
Surrogates									
Toluene-d8 (S)	103	%	67-159		1	07/26/21 09:00	07/28/21 01:10	2037-26-5	
4-Bromofluorobenzene (S)	99	%	66-153		1	07/26/21 09:00	07/28/21 01:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	82-158		1	07/26/21 09:00	07/28/21 01:10	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	18.7	%	0.10	0.10	1		07/15/21 17:08		

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-6 (1) **Lab ID: 40229968015** Collected: 07/13/21 16:30 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<17.5	ug/kg	29.5	17.5	1	07/26/21 09:00	07/28/21 01:30	71-43-2	H1
Bromobenzene	<28.7	ug/kg	73.7	28.7	1	07/26/21 09:00	07/28/21 01:30	108-86-1	H1
Bromochloromethane	<20.2	ug/kg	73.7	20.2	1	07/26/21 09:00	07/28/21 01:30	74-97-5	H1
Bromodichloromethane	<17.5	ug/kg	73.7	17.5	1	07/26/21 09:00	07/28/21 01:30	75-27-4	H1
Bromoform	<324	ug/kg	369	324	1	07/26/21 09:00	07/28/21 01:30	75-25-2	H1
Bromomethane	<103	ug/kg	369	103	1	07/26/21 09:00	07/28/21 01:30	74-83-9	H1
n-Butylbenzene	<33.8	ug/kg	73.7	33.8	1	07/26/21 09:00	07/28/21 01:30	104-51-8	H1
sec-Butylbenzene	<18.0	ug/kg	73.7	18.0	1	07/26/21 09:00	07/28/21 01:30	135-98-8	H1
tert-Butylbenzene	<23.1	ug/kg	73.7	23.1	1	07/26/21 09:00	07/28/21 01:30	98-06-6	H1
Carbon tetrachloride	<16.2	ug/kg	73.7	16.2	1	07/26/21 09:00	07/28/21 01:30	56-23-5	H1
Chlorobenzene	<8.8	ug/kg	73.7	8.8	1	07/26/21 09:00	07/28/21 01:30	108-90-7	H1
Chloroethane	<31.1	ug/kg	369	31.1	1	07/26/21 09:00	07/28/21 01:30	75-00-3	H1
Chloroform	<52.8	ug/kg	369	52.8	1	07/26/21 09:00	07/28/21 01:30	67-66-3	H1
Chloromethane	<28.0	ug/kg	73.7	28.0	1	07/26/21 09:00	07/28/21 01:30	74-87-3	H1
2-Chlorotoluene	<23.9	ug/kg	73.7	23.9	1	07/26/21 09:00	07/28/21 01:30	95-49-8	H1
4-Chlorotoluene	<28.0	ug/kg	73.7	28.0	1	07/26/21 09:00	07/28/21 01:30	106-43-4	H1
1,2-Dibromo-3-chloropropane	<57.2	ug/kg	369	57.2	1	07/26/21 09:00	07/28/21 01:30	96-12-8	H1
Dibromochloromethane	<252	ug/kg	369	252	1	07/26/21 09:00	07/28/21 01:30	124-48-1	H1
1,2-Dibromoethane (EDB)	<20.2	ug/kg	73.7	20.2	1	07/26/21 09:00	07/28/21 01:30	106-93-4	H1
Dibromomethane	<21.8	ug/kg	73.7	21.8	1	07/26/21 09:00	07/28/21 01:30	74-95-3	H1
1,2-Dichlorobenzene	<22.8	ug/kg	73.7	22.8	1	07/26/21 09:00	07/28/21 01:30	95-50-1	H1
1,3-Dichlorobenzene	<20.2	ug/kg	73.7	20.2	1	07/26/21 09:00	07/28/21 01:30	541-73-1	H1
1,4-Dichlorobenzene	<20.2	ug/kg	73.7	20.2	1	07/26/21 09:00	07/28/21 01:30	106-46-7	H1
Dichlorodifluoromethane	<31.7	ug/kg	73.7	31.7	1	07/26/21 09:00	07/28/21 01:30	75-71-8	H1
1,1-Dichloroethane	<18.9	ug/kg	73.7	18.9	1	07/26/21 09:00	07/28/21 01:30	75-34-3	H1
1,2-Dichloroethane	<17.0	ug/kg	73.7	17.0	1	07/26/21 09:00	07/28/21 01:30	107-06-2	H1
1,1-Dichloroethene	<24.5	ug/kg	73.7	24.5	1	07/26/21 09:00	07/28/21 01:30	75-35-4	H1
cis-1,2-Dichloroethene	<15.8	ug/kg	73.7	15.8	1	07/26/21 09:00	07/28/21 01:30	156-59-2	H1
trans-1,2-Dichloroethene	<15.9	ug/kg	73.7	15.9	1	07/26/21 09:00	07/28/21 01:30	156-60-5	H1
1,2-Dichloropropane	<17.5	ug/kg	73.7	17.5	1	07/26/21 09:00	07/28/21 01:30	78-87-5	H1
1,3-Dichloropropane	<16.1	ug/kg	73.7	16.1	1	07/26/21 09:00	07/28/21 01:30	142-28-9	H1
2,2-Dichloropropane	<19.9	ug/kg	73.7	19.9	1	07/26/21 09:00	07/28/21 01:30	594-20-7	H1
1,1-Dichloropropene	<23.9	ug/kg	73.7	23.9	1	07/26/21 09:00	07/28/21 01:30	563-58-6	H1
cis-1,3-Dichloropropene	<48.6	ug/kg	369	48.6	1	07/26/21 09:00	07/28/21 01:30	10061-01-5	H1
trans-1,3-Dichloropropene	<211	ug/kg	369	211	1	07/26/21 09:00	07/28/21 01:30	10061-02-6	H1
Diisopropyl ether	<18.3	ug/kg	73.7	18.3	1	07/26/21 09:00	07/28/21 01:30	108-20-3	H1
Ethylbenzene	<17.5	ug/kg	73.7	17.5	1	07/26/21 09:00	07/28/21 01:30	100-41-4	H1
Hexachloro-1,3-butadiene	<147	ug/kg	369	147	1	07/26/21 09:00	07/28/21 01:30	87-68-3	H1
Isopropylbenzene (Cumene)	<19.9	ug/kg	73.7	19.9	1	07/26/21 09:00	07/28/21 01:30	98-82-8	H1
p-Isopropyltoluene	<22.4	ug/kg	73.7	22.4	1	07/26/21 09:00	07/28/21 01:30	99-87-6	H1
Methylene Chloride	<20.5	ug/kg	73.7	20.5	1	07/26/21 09:00	07/28/21 01:30	75-09-2	H1
Methyl-tert-butyl ether	<21.7	ug/kg	73.7	21.7	1	07/26/21 09:00	07/28/21 01:30	1634-04-4	H1
Naphthalene	30.4J	ug/kg	369	23.0	1	07/26/21 09:00	07/28/21 01:30	91-20-3	H1
n-Propylbenzene	<17.7	ug/kg	73.7	17.7	1	07/26/21 09:00	07/28/21 01:30	103-65-1	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-6 (1) Lab ID: 40229968015 Collected: 07/13/21 16:30 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<18.9	ug/kg	73.7	18.9	1	07/26/21 09:00	07/28/21 01:30	100-42-5	H1
1,1,1,2-Tetrachloroethane	<17.7	ug/kg	73.7	17.7	1	07/26/21 09:00	07/28/21 01:30	630-20-6	H1
1,1,2,2-Tetrachloroethane	<26.7	ug/kg	73.7	26.7	1	07/26/21 09:00	07/28/21 01:30	79-34-5	H1
Tetrachloroethene	10500	ug/kg	73.7	28.6	1	07/26/21 09:00	07/28/21 01:30	127-18-4	H1
Toluene	19.9J	ug/kg	73.7	18.6	1	07/26/21 09:00	07/28/21 01:30	108-88-3	H1
1,2,3-Trichlorobenzene	<82.1	ug/kg	369	82.1	1	07/26/21 09:00	07/28/21 01:30	87-61-6	H1
1,2,4-Trichlorobenzene	<60.7	ug/kg	369	60.7	1	07/26/21 09:00	07/28/21 01:30	120-82-1	H1
1,1,1-Trichloroethane	<18.9	ug/kg	73.7	18.9	1	07/26/21 09:00	07/28/21 01:30	71-55-6	H1
1,1,2-Trichloroethane	<26.8	ug/kg	73.7	26.8	1	07/26/21 09:00	07/28/21 01:30	79-00-5	H1
Trichloroethene	38.0J	ug/kg	73.7	27.6	1	07/26/21 09:00	07/28/21 01:30	79-01-6	H1
Trichlorofluoromethane	<21.4	ug/kg	73.7	21.4	1	07/26/21 09:00	07/28/21 01:30	75-69-4	H1
1,2,3-Trichloropropane	<35.8	ug/kg	73.7	35.8	1	07/26/21 09:00	07/28/21 01:30	96-18-4	H1
1,2,4-Trimethylbenzene	<22.0	ug/kg	73.7	22.0	1	07/26/21 09:00	07/28/21 01:30	95-63-6	H1
1,3,5-Trimethylbenzene	<23.7	ug/kg	73.7	23.7	1	07/26/21 09:00	07/28/21 01:30	108-67-8	H1
Vinyl chloride	<14.9	ug/kg	73.7	14.9	1	07/26/21 09:00	07/28/21 01:30	75-01-4	H1
m&p-Xylene	<31.1	ug/kg	147	31.1	1	07/26/21 09:00	07/28/21 01:30	179601-23-1	H1
o-Xylene	<22.1	ug/kg	73.7	22.1	1	07/26/21 09:00	07/28/21 01:30	95-47-6	H1
Surrogates									
Toluene-d8 (S)	102	%	67-159		1	07/26/21 09:00	07/28/21 01:30	2037-26-5	
4-Bromofluorobenzene (S)	99	%	66-153		1	07/26/21 09:00	07/28/21 01:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	07/26/21 09:00	07/28/21 01:30	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	19.2	%	0.10	0.10	1		07/15/21 17:09		

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-6 (5) Lab ID: 40229968016 Collected: 07/13/21 16:40 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<17.2	ug/kg	28.9	17.2	1	07/26/21 09:00	07/28/21 01:50	71-43-2	H1
Bromobenzene	<28.1	ug/kg	72.1	28.1	1	07/26/21 09:00	07/28/21 01:50	108-86-1	H1
Bromochloromethane	<19.8	ug/kg	72.1	19.8	1	07/26/21 09:00	07/28/21 01:50	74-97-5	H1
Bromodichloromethane	<17.2	ug/kg	72.1	17.2	1	07/26/21 09:00	07/28/21 01:50	75-27-4	H1
Bromoform	<317	ug/kg	361	317	1	07/26/21 09:00	07/28/21 01:50	75-25-2	H1
Bromomethane	<101	ug/kg	361	101	1	07/26/21 09:00	07/28/21 01:50	74-83-9	H1
n-Butylbenzene	<33.0	ug/kg	72.1	33.0	1	07/26/21 09:00	07/28/21 01:50	104-51-8	H1
sec-Butylbenzene	<17.6	ug/kg	72.1	17.6	1	07/26/21 09:00	07/28/21 01:50	135-98-8	H1
tert-Butylbenzene	<22.7	ug/kg	72.1	22.7	1	07/26/21 09:00	07/28/21 01:50	98-06-6	H1
Carbon tetrachloride	<15.9	ug/kg	72.1	15.9	1	07/26/21 09:00	07/28/21 01:50	56-23-5	H1
Chlorobenzene	<8.6	ug/kg	72.1	8.6	1	07/26/21 09:00	07/28/21 01:50	108-90-7	H1
Chloroethane	<30.4	ug/kg	361	30.4	1	07/26/21 09:00	07/28/21 01:50	75-00-3	H1
Chloroform	<51.7	ug/kg	361	51.7	1	07/26/21 09:00	07/28/21 01:50	67-66-3	H1
Chloromethane	<27.4	ug/kg	72.1	27.4	1	07/26/21 09:00	07/28/21 01:50	74-87-3	H1
2-Chlorotoluene	<23.4	ug/kg	72.1	23.4	1	07/26/21 09:00	07/28/21 01:50	95-49-8	H1
4-Chlorotoluene	<27.4	ug/kg	72.1	27.4	1	07/26/21 09:00	07/28/21 01:50	106-43-4	H1
1,2-Dibromo-3-chloropropane	<56.0	ug/kg	361	56.0	1	07/26/21 09:00	07/28/21 01:50	96-12-8	H1
Dibromochloromethane	<247	ug/kg	361	247	1	07/26/21 09:00	07/28/21 01:50	124-48-1	H1
1,2-Dibromoethane (EDB)	<19.8	ug/kg	72.1	19.8	1	07/26/21 09:00	07/28/21 01:50	106-93-4	H1
Dibromomethane	<21.4	ug/kg	72.1	21.4	1	07/26/21 09:00	07/28/21 01:50	74-95-3	H1
1,2-Dichlorobenzene	<22.4	ug/kg	72.1	22.4	1	07/26/21 09:00	07/28/21 01:50	95-50-1	H1
1,3-Dichlorobenzene	<19.8	ug/kg	72.1	19.8	1	07/26/21 09:00	07/28/21 01:50	541-73-1	H1
1,4-Dichlorobenzene	<19.8	ug/kg	72.1	19.8	1	07/26/21 09:00	07/28/21 01:50	106-46-7	H1
Dichlorodifluoromethane	<31.0	ug/kg	72.1	31.0	1	07/26/21 09:00	07/28/21 01:50	75-71-8	H1
1,1-Dichloroethane	<18.5	ug/kg	72.1	18.5	1	07/26/21 09:00	07/28/21 01:50	75-34-3	H1
1,2-Dichloroethane	<16.6	ug/kg	72.1	16.6	1	07/26/21 09:00	07/28/21 01:50	107-06-2	H1
1,1-Dichloroethene	<24.0	ug/kg	72.1	24.0	1	07/26/21 09:00	07/28/21 01:50	75-35-4	H1
cis-1,2-Dichloroethene	<15.4	ug/kg	72.1	15.4	1	07/26/21 09:00	07/28/21 01:50	156-59-2	H1
trans-1,2-Dichloroethene	<15.6	ug/kg	72.1	15.6	1	07/26/21 09:00	07/28/21 01:50	156-60-5	H1
1,2-Dichloropropane	<17.2	ug/kg	72.1	17.2	1	07/26/21 09:00	07/28/21 01:50	78-87-5	H1
1,3-Dichloropropane	<15.7	ug/kg	72.1	15.7	1	07/26/21 09:00	07/28/21 01:50	142-28-9	H1
2,2-Dichloropropane	<19.5	ug/kg	72.1	19.5	1	07/26/21 09:00	07/28/21 01:50	594-20-7	H1
1,1-Dichloropropene	<23.4	ug/kg	72.1	23.4	1	07/26/21 09:00	07/28/21 01:50	563-58-6	H1
cis-1,3-Dichloropropene	<47.6	ug/kg	361	47.6	1	07/26/21 09:00	07/28/21 01:50	10061-01-5	H1
trans-1,3-Dichloropropene	<206	ug/kg	361	206	1	07/26/21 09:00	07/28/21 01:50	10061-02-6	H1
Diisopropyl ether	<17.9	ug/kg	72.1	17.9	1	07/26/21 09:00	07/28/21 01:50	108-20-3	H1
Ethylbenzene	<17.2	ug/kg	72.1	17.2	1	07/26/21 09:00	07/28/21 01:50	100-41-4	H1
Hexachloro-1,3-butadiene	<143	ug/kg	361	143	1	07/26/21 09:00	07/28/21 01:50	87-68-3	H1
Isopropylbenzene (Cumene)	<19.5	ug/kg	72.1	19.5	1	07/26/21 09:00	07/28/21 01:50	98-82-8	H1
p-Isopropyltoluene	<21.9	ug/kg	72.1	21.9	1	07/26/21 09:00	07/28/21 01:50	99-87-6	H1
Methylene Chloride	<20.1	ug/kg	72.1	20.1	1	07/26/21 09:00	07/28/21 01:50	75-09-2	H1
Methyl-tert-butyl ether	<21.2	ug/kg	72.1	21.2	1	07/26/21 09:00	07/28/21 01:50	1634-04-4	H1
Naphthalene	39.9J	ug/kg	361	22.5	1	07/26/21 09:00	07/28/21 01:50	91-20-3	H1
n-Propylbenzene	<17.3	ug/kg	72.1	17.3	1	07/26/21 09:00	07/28/21 01:50	103-65-1	H1

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-6 (5) Lab ID: 40229968016 Collected: 07/13/21 16:40 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<18.5	ug/kg	72.1	18.5	1	07/26/21 09:00	07/28/21 01:50	100-42-5	H1
1,1,1,2-Tetrachloroethane	<17.3	ug/kg	72.1	17.3	1	07/26/21 09:00	07/28/21 01:50	630-20-6	H1
1,1,2,2-Tetrachloroethane	<26.1	ug/kg	72.1	26.1	1	07/26/21 09:00	07/28/21 01:50	79-34-5	H1
Tetrachloroethene	1960	ug/kg	72.1	28.0	1	07/26/21 09:00	07/28/21 01:50	127-18-4	H1
Toluene	<18.2	ug/kg	72.1	18.2	1	07/26/21 09:00	07/28/21 01:50	108-88-3	H1
1,2,3-Trichlorobenzene	<80.4	ug/kg	361	80.4	1	07/26/21 09:00	07/28/21 01:50	87-61-6	H1
1,2,4-Trichlorobenzene	<59.4	ug/kg	361	59.4	1	07/26/21 09:00	07/28/21 01:50	120-82-1	H1
1,1,1-Trichloroethane	<18.5	ug/kg	72.1	18.5	1	07/26/21 09:00	07/28/21 01:50	71-55-6	H1
1,1,2-Trichloroethane	<26.3	ug/kg	72.1	26.3	1	07/26/21 09:00	07/28/21 01:50	79-00-5	H1
Trichloroethene	<27.0	ug/kg	72.1	27.0	1	07/26/21 09:00	07/28/21 01:50	79-01-6	H1
Trichlorofluoromethane	<20.9	ug/kg	72.1	20.9	1	07/26/21 09:00	07/28/21 01:50	75-69-4	H1
1,2,3-Trichloropropane	<35.1	ug/kg	72.1	35.1	1	07/26/21 09:00	07/28/21 01:50	96-18-4	H1
1,2,4-Trimethylbenzene	<21.5	ug/kg	72.1	21.5	1	07/26/21 09:00	07/28/21 01:50	95-63-6	H1
1,3,5-Trimethylbenzene	<23.2	ug/kg	72.1	23.2	1	07/26/21 09:00	07/28/21 01:50	108-67-8	H1
Vinyl chloride	<14.6	ug/kg	72.1	14.6	1	07/26/21 09:00	07/28/21 01:50	75-01-4	H1
m&p-Xylene	<30.4	ug/kg	144	30.4	1	07/26/21 09:00	07/28/21 01:50	179601-23-1	H1
o-Xylene	<21.6	ug/kg	72.1	21.6	1	07/26/21 09:00	07/28/21 01:50	95-47-6	H1
Surrogates									
Toluene-d8 (S)	102	%	67-159		1	07/26/21 09:00	07/28/21 01:50	2037-26-5	
4-Bromofluorobenzene (S)	99	%	66-153		1	07/26/21 09:00	07/28/21 01:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	82-158		1	07/26/21 09:00	07/28/21 01:50	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	18.1	%	0.10	0.10	1		07/15/21 17:09		

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-7 (1) **Lab ID: 40229968017** Collected: 07/13/21 16:45 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<15.3	ug/kg	25.8	15.3	1	07/26/21 09:00	07/28/21 02:11	71-43-2	H1
Bromobenzene	<25.1	ug/kg	64.4	25.1	1	07/26/21 09:00	07/28/21 02:11	108-86-1	H1
Bromochloromethane	<17.6	ug/kg	64.4	17.6	1	07/26/21 09:00	07/28/21 02:11	74-97-5	H1
Bromodichloromethane	<15.3	ug/kg	64.4	15.3	1	07/26/21 09:00	07/28/21 02:11	75-27-4	H1
Bromoform	<283	ug/kg	322	283	1	07/26/21 09:00	07/28/21 02:11	75-25-2	H1
Bromomethane	<90.3	ug/kg	322	90.3	1	07/26/21 09:00	07/28/21 02:11	74-83-9	H1
n-Butylbenzene	<29.5	ug/kg	64.4	29.5	1	07/26/21 09:00	07/28/21 02:11	104-51-8	H1
sec-Butylbenzene	<15.7	ug/kg	64.4	15.7	1	07/26/21 09:00	07/28/21 02:11	135-98-8	H1
tert-Butylbenzene	<20.2	ug/kg	64.4	20.2	1	07/26/21 09:00	07/28/21 02:11	98-06-6	H1
Carbon tetrachloride	<14.2	ug/kg	64.4	14.2	1	07/26/21 09:00	07/28/21 02:11	56-23-5	H1
Chlorobenzene	<7.7	ug/kg	64.4	7.7	1	07/26/21 09:00	07/28/21 02:11	108-90-7	H1
Chloroethane	<27.2	ug/kg	322	27.2	1	07/26/21 09:00	07/28/21 02:11	75-00-3	H1
Chloroform	<46.1	ug/kg	322	46.1	1	07/26/21 09:00	07/28/21 02:11	67-66-3	H1
Chloromethane	<24.5	ug/kg	64.4	24.5	1	07/26/21 09:00	07/28/21 02:11	74-87-3	H1
2-Chlorotoluene	<20.9	ug/kg	64.4	20.9	1	07/26/21 09:00	07/28/21 02:11	95-49-8	H1
4-Chlorotoluene	<24.5	ug/kg	64.4	24.5	1	07/26/21 09:00	07/28/21 02:11	106-43-4	H1
1,2-Dibromo-3-chloropropane	<50.0	ug/kg	322	50.0	1	07/26/21 09:00	07/28/21 02:11	96-12-8	H1
Dibromochloromethane	<220	ug/kg	322	220	1	07/26/21 09:00	07/28/21 02:11	124-48-1	H1
1,2-Dibromoethane (EDB)	<17.6	ug/kg	64.4	17.6	1	07/26/21 09:00	07/28/21 02:11	106-93-4	H1
Dibromomethane	<19.1	ug/kg	64.4	19.1	1	07/26/21 09:00	07/28/21 02:11	74-95-3	H1
1,2-Dichlorobenzene	<20.0	ug/kg	64.4	20.0	1	07/26/21 09:00	07/28/21 02:11	95-50-1	H1
1,3-Dichlorobenzene	<17.6	ug/kg	64.4	17.6	1	07/26/21 09:00	07/28/21 02:11	541-73-1	H1
1,4-Dichlorobenzene	<17.6	ug/kg	64.4	17.6	1	07/26/21 09:00	07/28/21 02:11	106-46-7	H1
Dichlorodifluoromethane	<27.7	ug/kg	64.4	27.7	1	07/26/21 09:00	07/28/21 02:11	75-71-8	H1
1,1-Dichloroethane	<16.5	ug/kg	64.4	16.5	1	07/26/21 09:00	07/28/21 02:11	75-34-3	H1
1,2-Dichloroethane	<14.8	ug/kg	64.4	14.8	1	07/26/21 09:00	07/28/21 02:11	107-06-2	H1
1,1-Dichloroethene	<21.4	ug/kg	64.4	21.4	1	07/26/21 09:00	07/28/21 02:11	75-35-4	H1
cis-1,2-Dichloroethene	<13.8	ug/kg	64.4	13.8	1	07/26/21 09:00	07/28/21 02:11	156-59-2	H1
trans-1,2-Dichloroethene	<13.9	ug/kg	64.4	13.9	1	07/26/21 09:00	07/28/21 02:11	156-60-5	H1
1,2-Dichloropropane	<15.3	ug/kg	64.4	15.3	1	07/26/21 09:00	07/28/21 02:11	78-87-5	H1
1,3-Dichloropropane	<14.0	ug/kg	64.4	14.0	1	07/26/21 09:00	07/28/21 02:11	142-28-9	H1
2,2-Dichloropropane	<17.4	ug/kg	64.4	17.4	1	07/26/21 09:00	07/28/21 02:11	594-20-7	H1
1,1-Dichloropropene	<20.9	ug/kg	64.4	20.9	1	07/26/21 09:00	07/28/21 02:11	563-58-6	H1
cis-1,3-Dichloropropene	<42.5	ug/kg	322	42.5	1	07/26/21 09:00	07/28/21 02:11	10061-01-5	H1
trans-1,3-Dichloropropene	<184	ug/kg	322	184	1	07/26/21 09:00	07/28/21 02:11	10061-02-6	H1
Diisopropyl ether	<16.0	ug/kg	64.4	16.0	1	07/26/21 09:00	07/28/21 02:11	108-20-3	H1
Ethylbenzene	<15.3	ug/kg	64.4	15.3	1	07/26/21 09:00	07/28/21 02:11	100-41-4	H1
Hexachloro-1,3-butadiene	<128	ug/kg	322	128	1	07/26/21 09:00	07/28/21 02:11	87-68-3	H1
Isopropylbenzene (Cumene)	<17.4	ug/kg	64.4	17.4	1	07/26/21 09:00	07/28/21 02:11	98-82-8	H1
p-Isopropyltoluene	<19.6	ug/kg	64.4	19.6	1	07/26/21 09:00	07/28/21 02:11	99-87-6	H1
Methylene Chloride	<17.9	ug/kg	64.4	17.9	1	07/26/21 09:00	07/28/21 02:11	75-09-2	H1
Methyl-tert-butyl ether	<18.9	ug/kg	64.4	18.9	1	07/26/21 09:00	07/28/21 02:11	1634-04-4	H1
Naphthalene	37.6J	ug/kg	322	20.1	1	07/26/21 09:00	07/28/21 02:11	91-20-3	H1
n-Propylbenzene	<15.5	ug/kg	64.4	15.5	1	07/26/21 09:00	07/28/21 02:11	103-65-1	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-7 (1) Lab ID: 40229968017 Collected: 07/13/21 16:45 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<16.5	ug/kg	64.4	16.5	1	07/26/21 09:00	07/28/21 02:11	100-42-5	H1
1,1,1,2-Tetrachloroethane	<15.5	ug/kg	64.4	15.5	1	07/26/21 09:00	07/28/21 02:11	630-20-6	H1
1,1,2,2-Tetrachloroethane	<23.3	ug/kg	64.4	23.3	1	07/26/21 09:00	07/28/21 02:11	79-34-5	H1
Tetrachloroethene	4300	ug/kg	64.4	25.0	1	07/26/21 09:00	07/28/21 02:11	127-18-4	H1
Toluene	28.5J	ug/kg	64.4	16.2	1	07/26/21 09:00	07/28/21 02:11	108-88-3	H1
1,2,3-Trichlorobenzene	<71.7	ug/kg	322	71.7	1	07/26/21 09:00	07/28/21 02:11	87-61-6	H1
1,2,4-Trichlorobenzene	<53.1	ug/kg	322	53.1	1	07/26/21 09:00	07/28/21 02:11	120-82-1	H1
1,1,1-Trichloroethane	<16.5	ug/kg	64.4	16.5	1	07/26/21 09:00	07/28/21 02:11	71-55-6	H1
1,1,2-Trichloroethane	<23.4	ug/kg	64.4	23.4	1	07/26/21 09:00	07/28/21 02:11	79-00-5	H1
Trichloroethene	<24.1	ug/kg	64.4	24.1	1	07/26/21 09:00	07/28/21 02:11	79-01-6	H1
Trichlorofluoromethane	<18.7	ug/kg	64.4	18.7	1	07/26/21 09:00	07/28/21 02:11	75-69-4	H1
1,2,3-Trichloropropane	<31.3	ug/kg	64.4	31.3	1	07/26/21 09:00	07/28/21 02:11	96-18-4	H1
1,2,4-Trimethylbenzene	<19.2	ug/kg	64.4	19.2	1	07/26/21 09:00	07/28/21 02:11	95-63-6	H1
1,3,5-Trimethylbenzene	<20.7	ug/kg	64.4	20.7	1	07/26/21 09:00	07/28/21 02:11	108-67-8	H1
Vinyl chloride	<13.0	ug/kg	64.4	13.0	1	07/26/21 09:00	07/28/21 02:11	75-01-4	H1
m&p-Xylene	40.5J	ug/kg	129	27.2	1	07/26/21 09:00	07/28/21 02:11	179601-23-1	H1
o-Xylene	24.7J	ug/kg	64.4	19.3	1	07/26/21 09:00	07/28/21 02:11	95-47-6	H1
Surrogates									
Toluene-d8 (S)	107	%	67-159		1	07/26/21 09:00	07/28/21 02:11	2037-26-5	
4-Bromofluorobenzene (S)	101	%	66-153		1	07/26/21 09:00	07/28/21 02:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	82-158		1	07/26/21 09:00	07/28/21 02:11	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.6	%	0.10	0.10	1		07/15/21 17:09		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-7 (4) **Lab ID: 40229968018** Collected: 07/13/21 16:50 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<16.5	ug/kg	27.8	16.5	1	07/26/21 09:00	07/28/21 02:31	71-43-2	H1
Bromobenzene	<27.1	ug/kg	69.5	27.1	1	07/26/21 09:00	07/28/21 02:31	108-86-1	H1
Bromochloromethane	<19.0	ug/kg	69.5	19.0	1	07/26/21 09:00	07/28/21 02:31	74-97-5	H1
Bromodichloromethane	<16.5	ug/kg	69.5	16.5	1	07/26/21 09:00	07/28/21 02:31	75-27-4	H1
Bromoform	<306	ug/kg	348	306	1	07/26/21 09:00	07/28/21 02:31	75-25-2	H1
Bromomethane	<97.5	ug/kg	348	97.5	1	07/26/21 09:00	07/28/21 02:31	74-83-9	H1
n-Butylbenzene	<31.8	ug/kg	69.5	31.8	1	07/26/21 09:00	07/28/21 02:31	104-51-8	H1
sec-Butylbenzene	<17.0	ug/kg	69.5	17.0	1	07/26/21 09:00	07/28/21 02:31	135-98-8	H1
tert-Butylbenzene	<21.8	ug/kg	69.5	21.8	1	07/26/21 09:00	07/28/21 02:31	98-06-6	H1
Carbon tetrachloride	<15.3	ug/kg	69.5	15.3	1	07/26/21 09:00	07/28/21 02:31	56-23-5	H1
Chlorobenzene	<8.3	ug/kg	69.5	8.3	1	07/26/21 09:00	07/28/21 02:31	108-90-7	H1
Chloroethane	<29.3	ug/kg	348	29.3	1	07/26/21 09:00	07/28/21 02:31	75-00-3	H1
Chloroform	<49.8	ug/kg	348	49.8	1	07/26/21 09:00	07/28/21 02:31	67-66-3	H1
Chloromethane	<26.4	ug/kg	69.5	26.4	1	07/26/21 09:00	07/28/21 02:31	74-87-3	H1
2-Chlorotoluene	<22.5	ug/kg	69.5	22.5	1	07/26/21 09:00	07/28/21 02:31	95-49-8	H1
4-Chlorotoluene	<26.4	ug/kg	69.5	26.4	1	07/26/21 09:00	07/28/21 02:31	106-43-4	H1
1,2-Dibromo-3-chloropropane	<53.9	ug/kg	348	53.9	1	07/26/21 09:00	07/28/21 02:31	96-12-8	H1
Dibromochloromethane	<238	ug/kg	348	238	1	07/26/21 09:00	07/28/21 02:31	124-48-1	H1
1,2-Dibromoethane (EDB)	<19.0	ug/kg	69.5	19.0	1	07/26/21 09:00	07/28/21 02:31	106-93-4	H1
Dibromomethane	<20.6	ug/kg	69.5	20.6	1	07/26/21 09:00	07/28/21 02:31	74-95-3	H1
1,2-Dichlorobenzene	<21.5	ug/kg	69.5	21.5	1	07/26/21 09:00	07/28/21 02:31	95-50-1	H1
1,3-Dichlorobenzene	<19.0	ug/kg	69.5	19.0	1	07/26/21 09:00	07/28/21 02:31	541-73-1	H1
1,4-Dichlorobenzene	<19.0	ug/kg	69.5	19.0	1	07/26/21 09:00	07/28/21 02:31	106-46-7	H1
Dichlorodifluoromethane	<29.9	ug/kg	69.5	29.9	1	07/26/21 09:00	07/28/21 02:31	75-71-8	H1
1,1-Dichloroethane	<17.8	ug/kg	69.5	17.8	1	07/26/21 09:00	07/28/21 02:31	75-34-3	H1
1,2-Dichloroethane	<16.0	ug/kg	69.5	16.0	1	07/26/21 09:00	07/28/21 02:31	107-06-2	H1
1,1-Dichloroethene	<23.1	ug/kg	69.5	23.1	1	07/26/21 09:00	07/28/21 02:31	75-35-4	H1
cis-1,2-Dichloroethene	<14.9	ug/kg	69.5	14.9	1	07/26/21 09:00	07/28/21 02:31	156-59-2	H1
trans-1,2-Dichloroethene	<15.0	ug/kg	69.5	15.0	1	07/26/21 09:00	07/28/21 02:31	156-60-5	H1
1,2-Dichloropropane	<16.5	ug/kg	69.5	16.5	1	07/26/21 09:00	07/28/21 02:31	78-87-5	H1
1,3-Dichloropropane	<15.2	ug/kg	69.5	15.2	1	07/26/21 09:00	07/28/21 02:31	142-28-9	H1
2,2-Dichloropropane	<18.8	ug/kg	69.5	18.8	1	07/26/21 09:00	07/28/21 02:31	594-20-7	H1
1,1-Dichloropropene	<22.5	ug/kg	69.5	22.5	1	07/26/21 09:00	07/28/21 02:31	563-58-6	H1
cis-1,3-Dichloropropene	<45.9	ug/kg	348	45.9	1	07/26/21 09:00	07/28/21 02:31	10061-01-5	H1
trans-1,3-Dichloropropene	<199	ug/kg	348	199	1	07/26/21 09:00	07/28/21 02:31	10061-02-6	H1
Diisopropyl ether	<17.2	ug/kg	69.5	17.2	1	07/26/21 09:00	07/28/21 02:31	108-20-3	H1
Ethylbenzene	<16.5	ug/kg	69.5	16.5	1	07/26/21 09:00	07/28/21 02:31	100-41-4	H1
Hexachloro-1,3-butadiene	<138	ug/kg	348	138	1	07/26/21 09:00	07/28/21 02:31	87-68-3	H1
Isopropylbenzene (Cumene)	<18.8	ug/kg	69.5	18.8	1	07/26/21 09:00	07/28/21 02:31	98-82-8	H1
p-Isopropyltoluene	<21.1	ug/kg	69.5	21.1	1	07/26/21 09:00	07/28/21 02:31	99-87-6	H1
Methylene Chloride	<19.3	ug/kg	69.5	19.3	1	07/26/21 09:00	07/28/21 02:31	75-09-2	H1
Methyl-tert-butyl ether	<20.4	ug/kg	69.5	20.4	1	07/26/21 09:00	07/28/21 02:31	1634-04-4	H1
Naphthalene	<21.7	ug/kg	348	21.7	1	07/26/21 09:00	07/28/21 02:31	91-20-3	H1
n-Propylbenzene	<16.7	ug/kg	69.5	16.7	1	07/26/21 09:00	07/28/21 02:31	103-65-1	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-7 (4) Lab ID: 40229968018 Collected: 07/13/21 16:50 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<17.8	ug/kg	69.5	17.8	1	07/26/21 09:00	07/28/21 02:31	100-42-5	H1
1,1,1,2-Tetrachloroethane	<16.7	ug/kg	69.5	16.7	1	07/26/21 09:00	07/28/21 02:31	630-20-6	H1
1,1,2,2-Tetrachloroethane	<25.2	ug/kg	69.5	25.2	1	07/26/21 09:00	07/28/21 02:31	79-34-5	H1
Tetrachloroethene	176	ug/kg	69.5	27.0	1	07/26/21 09:00	07/28/21 08:38	127-18-4	H1
Toluene	<17.5	ug/kg	69.5	17.5	1	07/26/21 09:00	07/28/21 02:31	108-88-3	H1
1,2,3-Trichlorobenzene	<77.4	ug/kg	348	77.4	1	07/26/21 09:00	07/28/21 02:31	87-61-6	H1
1,2,4-Trichlorobenzene	<57.3	ug/kg	348	57.3	1	07/26/21 09:00	07/28/21 02:31	120-82-1	H1
1,1,1-Trichloroethane	<17.8	ug/kg	69.5	17.8	1	07/26/21 09:00	07/28/21 02:31	71-55-6	H1
1,1,2-Trichloroethane	<25.3	ug/kg	69.5	25.3	1	07/26/21 09:00	07/28/21 02:31	79-00-5	H1
Trichloroethene	<26.0	ug/kg	69.5	26.0	1	07/26/21 09:00	07/28/21 02:31	79-01-6	H1
Trichlorofluoromethane	<20.2	ug/kg	69.5	20.2	1	07/26/21 09:00	07/28/21 02:31	75-69-4	H1
1,2,3-Trichloropropane	<33.8	ug/kg	69.5	33.8	1	07/26/21 09:00	07/28/21 02:31	96-18-4	H1
1,2,4-Trimethylbenzene	<20.7	ug/kg	69.5	20.7	1	07/26/21 09:00	07/28/21 02:31	95-63-6	H1
1,3,5-Trimethylbenzene	<22.4	ug/kg	69.5	22.4	1	07/26/21 09:00	07/28/21 02:31	108-67-8	H1
Vinyl chloride	<14.0	ug/kg	69.5	14.0	1	07/26/21 09:00	07/28/21 02:31	75-01-4	H1
m&p-Xylene	<29.3	ug/kg	139	29.3	1	07/26/21 09:00	07/28/21 02:31	179601-23-1	H1
o-Xylene	<20.9	ug/kg	69.5	20.9	1	07/26/21 09:00	07/28/21 02:31	95-47-6	H1
Surrogates									
Toluene-d8 (S)	107	%	67-159		1	07/26/21 09:00	07/28/21 02:31	2037-26-5	
4-Bromofluorobenzene (S)	100	%	66-153		1	07/26/21 09:00	07/28/21 02:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	07/26/21 09:00	07/28/21 02:31	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.3	%	0.10	0.10	1		07/15/21 17:09		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-5 (2) **Lab ID: 40229968019** Collected: 07/13/21 17:00 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<15.1	ug/kg	25.4	15.1	1	07/26/21 09:00	07/28/21 02:51	71-43-2	H1
Bromobenzene	<24.8	ug/kg	63.5	24.8	1	07/26/21 09:00	07/28/21 02:51	108-86-1	H1
Bromochloromethane	<17.4	ug/kg	63.5	17.4	1	07/26/21 09:00	07/28/21 02:51	74-97-5	H1
Bromodichloromethane	<15.1	ug/kg	63.5	15.1	1	07/26/21 09:00	07/28/21 02:51	75-27-4	H1
Bromoform	<279	ug/kg	318	279	1	07/26/21 09:00	07/28/21 02:51	75-25-2	H1
Bromomethane	<89.1	ug/kg	318	89.1	1	07/26/21 09:00	07/28/21 02:51	74-83-9	H1
n-Butylbenzene	<29.1	ug/kg	63.5	29.1	1	07/26/21 09:00	07/28/21 02:51	104-51-8	H1
sec-Butylbenzene	<15.5	ug/kg	63.5	15.5	1	07/26/21 09:00	07/28/21 02:51	135-98-8	H1
tert-Butylbenzene	<19.9	ug/kg	63.5	19.9	1	07/26/21 09:00	07/28/21 02:51	98-06-6	H1
Carbon tetrachloride	<14.0	ug/kg	63.5	14.0	1	07/26/21 09:00	07/28/21 02:51	56-23-5	H1
Chlorobenzene	<7.6	ug/kg	63.5	7.6	1	07/26/21 09:00	07/28/21 02:51	108-90-7	H1
Chloroethane	<26.8	ug/kg	318	26.8	1	07/26/21 09:00	07/28/21 02:51	75-00-3	H1
Chloroform	<45.5	ug/kg	318	45.5	1	07/26/21 09:00	07/28/21 02:51	67-66-3	H1
Chloromethane	<24.1	ug/kg	63.5	24.1	1	07/26/21 09:00	07/28/21 02:51	74-87-3	H1
2-Chlorotoluene	<20.6	ug/kg	63.5	20.6	1	07/26/21 09:00	07/28/21 02:51	95-49-8	H1
4-Chlorotoluene	<24.1	ug/kg	63.5	24.1	1	07/26/21 09:00	07/28/21 02:51	106-43-4	H1
1,2-Dibromo-3-chloropropane	<49.3	ug/kg	318	49.3	1	07/26/21 09:00	07/28/21 02:51	96-12-8	H1
Dibromochloromethane	<217	ug/kg	318	217	1	07/26/21 09:00	07/28/21 02:51	124-48-1	H1
1,2-Dibromoethane (EDB)	<17.4	ug/kg	63.5	17.4	1	07/26/21 09:00	07/28/21 02:51	106-93-4	H1
Dibromomethane	<18.8	ug/kg	63.5	18.8	1	07/26/21 09:00	07/28/21 02:51	74-95-3	H1
1,2-Dichlorobenzene	<19.7	ug/kg	63.5	19.7	1	07/26/21 09:00	07/28/21 02:51	95-50-1	H1
1,3-Dichlorobenzene	<17.4	ug/kg	63.5	17.4	1	07/26/21 09:00	07/28/21 02:51	541-73-1	H1
1,4-Dichlorobenzene	<17.4	ug/kg	63.5	17.4	1	07/26/21 09:00	07/28/21 02:51	106-46-7	H1
Dichlorodifluoromethane	<27.3	ug/kg	63.5	27.3	1	07/26/21 09:00	07/28/21 02:51	75-71-8	H1
1,1-Dichloroethane	<16.3	ug/kg	63.5	16.3	1	07/26/21 09:00	07/28/21 02:51	75-34-3	H1
1,2-Dichloroethane	<14.6	ug/kg	63.5	14.6	1	07/26/21 09:00	07/28/21 02:51	107-06-2	H1
1,1-Dichloroethene	<21.1	ug/kg	63.5	21.1	1	07/26/21 09:00	07/28/21 02:51	75-35-4	H1
cis-1,2-Dichloroethene	<13.6	ug/kg	63.5	13.6	1	07/26/21 09:00	07/28/21 02:51	156-59-2	H1
trans-1,2-Dichloroethene	<13.7	ug/kg	63.5	13.7	1	07/26/21 09:00	07/28/21 02:51	156-60-5	H1
1,2-Dichloropropane	<15.1	ug/kg	63.5	15.1	1	07/26/21 09:00	07/28/21 02:51	78-87-5	H1
1,3-Dichloropropane	<13.8	ug/kg	63.5	13.8	1	07/26/21 09:00	07/28/21 02:51	142-28-9	H1
2,2-Dichloropropane	<17.2	ug/kg	63.5	17.2	1	07/26/21 09:00	07/28/21 02:51	594-20-7	H1
1,1-Dichloropropene	<20.6	ug/kg	63.5	20.6	1	07/26/21 09:00	07/28/21 02:51	563-58-6	H1
cis-1,3-Dichloropropene	<41.9	ug/kg	318	41.9	1	07/26/21 09:00	07/28/21 02:51	10061-01-5	H1
trans-1,3-Dichloropropene	<182	ug/kg	318	182	1	07/26/21 09:00	07/28/21 02:51	10061-02-6	H1
Diisopropyl ether	<15.8	ug/kg	63.5	15.8	1	07/26/21 09:00	07/28/21 02:51	108-20-3	H1
Ethylbenzene	<15.1	ug/kg	63.5	15.1	1	07/26/21 09:00	07/28/21 02:51	100-41-4	H1
Hexachloro-1,3-butadiene	<126	ug/kg	318	126	1	07/26/21 09:00	07/28/21 02:51	87-68-3	H1
Isopropylbenzene (Cumene)	<17.2	ug/kg	63.5	17.2	1	07/26/21 09:00	07/28/21 02:51	98-82-8	H1
p-Isopropyltoluene	<19.3	ug/kg	63.5	19.3	1	07/26/21 09:00	07/28/21 02:51	99-87-6	H1
Methylene Chloride	<17.7	ug/kg	63.5	17.7	1	07/26/21 09:00	07/28/21 02:51	75-09-2	H1
Methyl-tert-butyl ether	<18.7	ug/kg	63.5	18.7	1	07/26/21 09:00	07/28/21 02:51	1634-04-4	H1
Naphthalene	<19.8	ug/kg	318	19.8	1	07/26/21 09:00	07/28/21 02:51	91-20-3	H1
n-Propylbenzene	<15.2	ug/kg	63.5	15.2	1	07/26/21 09:00	07/28/21 02:51	103-65-1	H1

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-5 (2) Lab ID: 40229968019 Collected: 07/13/21 17:00 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<16.3	ug/kg	63.5	16.3	1	07/26/21 09:00	07/28/21 02:51	100-42-5	H1
1,1,1,2-Tetrachloroethane	<15.2	ug/kg	63.5	15.2	1	07/26/21 09:00	07/28/21 02:51	630-20-6	H1
1,1,2,2-Tetrachloroethane	<23.0	ug/kg	63.5	23.0	1	07/26/21 09:00	07/28/21 02:51	79-34-5	H1
Tetrachloroethene	<24.6	ug/kg	63.5	24.6	1	07/26/21 09:00	07/28/21 02:51	127-18-4	H1
Toluene	<16.0	ug/kg	63.5	16.0	1	07/26/21 09:00	07/28/21 02:51	108-88-3	H1
1,2,3-Trichlorobenzene	<70.8	ug/kg	318	70.8	1	07/26/21 09:00	07/28/21 02:51	87-61-6	H1
1,2,4-Trichlorobenzene	<52.3	ug/kg	318	52.3	1	07/26/21 09:00	07/28/21 02:51	120-82-1	H1
1,1,1-Trichloroethane	<16.3	ug/kg	63.5	16.3	1	07/26/21 09:00	07/28/21 02:51	71-55-6	H1
1,1,2-Trichloroethane	<23.1	ug/kg	63.5	23.1	1	07/26/21 09:00	07/28/21 02:51	79-00-5	H1
Trichloroethene	<23.8	ug/kg	63.5	23.8	1	07/26/21 09:00	07/28/21 02:51	79-01-6	H1
Trichlorofluoromethane	<18.4	ug/kg	63.5	18.4	1	07/26/21 09:00	07/28/21 02:51	75-69-4	H1
1,2,3-Trichloropropane	<30.9	ug/kg	63.5	30.9	1	07/26/21 09:00	07/28/21 02:51	96-18-4	H1
1,2,4-Trimethylbenzene	<18.9	ug/kg	63.5	18.9	1	07/26/21 09:00	07/28/21 02:51	95-63-6	H1
1,3,5-Trimethylbenzene	<20.5	ug/kg	63.5	20.5	1	07/26/21 09:00	07/28/21 02:51	108-67-8	H1
Vinyl chloride	<12.8	ug/kg	63.5	12.8	1	07/26/21 09:00	07/28/21 02:51	75-01-4	H1
m&p-Xylene	<26.8	ug/kg	127	26.8	1	07/26/21 09:00	07/28/21 02:51	179601-23-1	H1
o-Xylene	<19.1	ug/kg	63.5	19.1	1	07/26/21 09:00	07/28/21 02:51	95-47-6	H1
Surrogates									
Toluene-d8 (S)	110	%	67-159		1	07/26/21 09:00	07/28/21 02:51	2037-26-5	
4-Bromofluorobenzene (S)	107	%	66-153		1	07/26/21 09:00	07/28/21 02:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	112	%	82-158		1	07/26/21 09:00	07/28/21 02:51	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.9	%	0.10	0.10	1		07/15/21 17:09		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-5 (4) **Lab ID: 40229968020** Collected: 07/13/21 17:05 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<16.7	ug/kg	28.0	16.7	1	07/26/21 09:00	07/28/21 03:11	71-43-2	H1
Bromobenzene	<27.3	ug/kg	70.0	27.3	1	07/26/21 09:00	07/28/21 03:11	108-86-1	H1
Bromochloromethane	<19.2	ug/kg	70.0	19.2	1	07/26/21 09:00	07/28/21 03:11	74-97-5	H1
Bromodichloromethane	<16.7	ug/kg	70.0	16.7	1	07/26/21 09:00	07/28/21 03:11	75-27-4	H1
Bromoform	<308	ug/kg	350	308	1	07/26/21 09:00	07/28/21 03:11	75-25-2	H1
Bromomethane	<98.1	ug/kg	350	98.1	1	07/26/21 09:00	07/28/21 03:11	74-83-9	H1
n-Butylbenzene	<32.1	ug/kg	70.0	32.1	1	07/26/21 09:00	07/28/21 03:11	104-51-8	H1
sec-Butylbenzene	<17.1	ug/kg	70.0	17.1	1	07/26/21 09:00	07/28/21 03:11	135-98-8	H1
tert-Butylbenzene	<22.0	ug/kg	70.0	22.0	1	07/26/21 09:00	07/28/21 03:11	98-06-6	H1
Carbon tetrachloride	<15.4	ug/kg	70.0	15.4	1	07/26/21 09:00	07/28/21 03:11	56-23-5	H1
Chlorobenzene	<8.4	ug/kg	70.0	8.4	1	07/26/21 09:00	07/28/21 03:11	108-90-7	H1
Chloroethane	<29.5	ug/kg	350	29.5	1	07/26/21 09:00	07/28/21 03:11	75-00-3	H1
Chloroform	<50.1	ug/kg	350	50.1	1	07/26/21 09:00	07/28/21 03:11	67-66-3	H1
Chloromethane	<26.6	ug/kg	70.0	26.6	1	07/26/21 09:00	07/28/21 03:11	74-87-3	H1
2-Chlorotoluene	<22.7	ug/kg	70.0	22.7	1	07/26/21 09:00	07/28/21 03:11	95-49-8	H1
4-Chlorotoluene	<26.6	ug/kg	70.0	26.6	1	07/26/21 09:00	07/28/21 03:11	106-43-4	H1
1,2-Dibromo-3-chloropropane	<54.3	ug/kg	350	54.3	1	07/26/21 09:00	07/28/21 03:11	96-12-8	H1
Dibromochloromethane	<239	ug/kg	350	239	1	07/26/21 09:00	07/28/21 03:11	124-48-1	H1
1,2-Dibromoethane (EDB)	<19.2	ug/kg	70.0	19.2	1	07/26/21 09:00	07/28/21 03:11	106-93-4	H1
Dibromomethane	<20.7	ug/kg	70.0	20.7	1	07/26/21 09:00	07/28/21 03:11	74-95-3	H1
1,2-Dichlorobenzene	<21.7	ug/kg	70.0	21.7	1	07/26/21 09:00	07/28/21 03:11	95-50-1	H1
1,3-Dichlorobenzene	<19.2	ug/kg	70.0	19.2	1	07/26/21 09:00	07/28/21 03:11	541-73-1	H1
1,4-Dichlorobenzene	<19.2	ug/kg	70.0	19.2	1	07/26/21 09:00	07/28/21 03:11	106-46-7	H1
Dichlorodifluoromethane	<30.1	ug/kg	70.0	30.1	1	07/26/21 09:00	07/28/21 03:11	75-71-8	H1
1,1-Dichloroethane	<17.9	ug/kg	70.0	17.9	1	07/26/21 09:00	07/28/21 03:11	75-34-3	H1
1,2-Dichloroethane	<16.1	ug/kg	70.0	16.1	1	07/26/21 09:00	07/28/21 03:11	107-06-2	H1
1,1-Dichloroethene	<23.2	ug/kg	70.0	23.2	1	07/26/21 09:00	07/28/21 03:11	75-35-4	H1
cis-1,2-Dichloroethene	<15.0	ug/kg	70.0	15.0	1	07/26/21 09:00	07/28/21 03:11	156-59-2	H1
trans-1,2-Dichloroethene	<15.1	ug/kg	70.0	15.1	1	07/26/21 09:00	07/28/21 03:11	156-60-5	H1
1,2-Dichloropropane	<16.7	ug/kg	70.0	16.7	1	07/26/21 09:00	07/28/21 03:11	78-87-5	H1
1,3-Dichloropropane	<15.3	ug/kg	70.0	15.3	1	07/26/21 09:00	07/28/21 03:11	142-28-9	H1
2,2-Dichloropropane	<18.9	ug/kg	70.0	18.9	1	07/26/21 09:00	07/28/21 03:11	594-20-7	H1
1,1-Dichloropropene	<22.7	ug/kg	70.0	22.7	1	07/26/21 09:00	07/28/21 03:11	563-58-6	H1
cis-1,3-Dichloropropene	<46.2	ug/kg	350	46.2	1	07/26/21 09:00	07/28/21 03:11	10061-01-5	H1
trans-1,3-Dichloropropene	<200	ug/kg	350	200	1	07/26/21 09:00	07/28/21 03:11	10061-02-6	H1
Diisopropyl ether	<17.4	ug/kg	70.0	17.4	1	07/26/21 09:00	07/28/21 03:11	108-20-3	H1
Ethylbenzene	<16.7	ug/kg	70.0	16.7	1	07/26/21 09:00	07/28/21 03:11	100-41-4	H1
Hexachloro-1,3-butadiene	<139	ug/kg	350	139	1	07/26/21 09:00	07/28/21 03:11	87-68-3	H1
Isopropylbenzene (Cumene)	<18.9	ug/kg	70.0	18.9	1	07/26/21 09:00	07/28/21 03:11	98-82-8	H1
p-Isopropyltoluene	<21.3	ug/kg	70.0	21.3	1	07/26/21 09:00	07/28/21 03:11	99-87-6	H1
Methylene Chloride	<19.5	ug/kg	70.0	19.5	1	07/26/21 09:00	07/28/21 03:11	75-09-2	H1
Methyl-tert-butyl ether	<20.6	ug/kg	70.0	20.6	1	07/26/21 09:00	07/28/21 03:11	1634-04-4	H1
Naphthalene	<21.8	ug/kg	350	21.8	1	07/26/21 09:00	07/28/21 03:11	91-20-3	H1
n-Propylbenzene	<16.8	ug/kg	70.0	16.8	1	07/26/21 09:00	07/28/21 03:11	103-65-1	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-5 (4) Lab ID: 40229968020 Collected: 07/13/21 17:05 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<17.9	ug/kg	70.0	17.9	1	07/26/21 09:00	07/28/21 03:11	100-42-5	H1
1,1,1,2-Tetrachloroethane	<16.8	ug/kg	70.0	16.8	1	07/26/21 09:00	07/28/21 03:11	630-20-6	H1
1,1,2,2-Tetrachloroethane	<25.3	ug/kg	70.0	25.3	1	07/26/21 09:00	07/28/21 03:11	79-34-5	H1
Tetrachloroethene	<27.2	ug/kg	70.0	27.2	1	07/26/21 09:00	07/28/21 03:11	127-18-4	H1
Toluene	<17.6	ug/kg	70.0	17.6	1	07/26/21 09:00	07/28/21 03:11	108-88-3	H1
1,2,3-Trichlorobenzene	<78.0	ug/kg	350	78.0	1	07/26/21 09:00	07/28/21 03:11	87-61-6	H1
1,2,4-Trichlorobenzene	<57.7	ug/kg	350	57.7	1	07/26/21 09:00	07/28/21 03:11	120-82-1	H1
1,1,1-Trichloroethane	<17.9	ug/kg	70.0	17.9	1	07/26/21 09:00	07/28/21 03:11	71-55-6	H1
1,1,2-Trichloroethane	<25.5	ug/kg	70.0	25.5	1	07/26/21 09:00	07/28/21 03:11	79-00-5	H1
Trichloroethene	<26.2	ug/kg	70.0	26.2	1	07/26/21 09:00	07/28/21 03:11	79-01-6	H1
Trichlorofluoromethane	<20.3	ug/kg	70.0	20.3	1	07/26/21 09:00	07/28/21 03:11	75-69-4	H1
1,2,3-Trichloropropane	<34.0	ug/kg	70.0	34.0	1	07/26/21 09:00	07/28/21 03:11	96-18-4	H1
1,2,4-Trimethylbenzene	<20.9	ug/kg	70.0	20.9	1	07/26/21 09:00	07/28/21 03:11	95-63-6	H1
1,3,5-Trimethylbenzene	<22.5	ug/kg	70.0	22.5	1	07/26/21 09:00	07/28/21 03:11	108-67-8	H1
Vinyl chloride	<14.1	ug/kg	70.0	14.1	1	07/26/21 09:00	07/28/21 03:11	75-01-4	H1
m&p-Xylene	<29.5	ug/kg	140	29.5	1	07/26/21 09:00	07/28/21 03:11	179601-23-1	H1
o-Xylene	<21.0	ug/kg	70.0	21.0	1	07/26/21 09:00	07/28/21 03:11	95-47-6	H1
Surrogates									
Toluene-d8 (S)	107	%	67-159		1	07/26/21 09:00	07/28/21 03:11	2037-26-5	
4-Bromofluorobenzene (S)	101	%	66-153		1	07/26/21 09:00	07/28/21 03:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	82-158		1	07/26/21 09:00	07/28/21 03:11	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.7	%	0.10	0.10	1		07/15/21 17:09		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-5 (10) **Lab ID: 40229968021** Collected: 07/13/21 17:30 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<15.6	ug/kg	26.2	15.6	1	07/26/21 09:00	07/28/21 03:31	71-43-2	H1
Bromobenzene	<25.5	ug/kg	65.5	25.5	1	07/26/21 09:00	07/28/21 03:31	108-86-1	H1
Bromochloromethane	<17.9	ug/kg	65.5	17.9	1	07/26/21 09:00	07/28/21 03:31	74-97-5	H1
Bromodichloromethane	<15.6	ug/kg	65.5	15.6	1	07/26/21 09:00	07/28/21 03:31	75-27-4	H1
Bromoform	<288	ug/kg	327	288	1	07/26/21 09:00	07/28/21 03:31	75-25-2	H1
Bromomethane	<91.8	ug/kg	327	91.8	1	07/26/21 09:00	07/28/21 03:31	74-83-9	H1
n-Butylbenzene	<30.0	ug/kg	65.5	30.0	1	07/26/21 09:00	07/28/21 03:31	104-51-8	H1
sec-Butylbenzene	<16.0	ug/kg	65.5	16.0	1	07/26/21 09:00	07/28/21 03:31	135-98-8	H1
tert-Butylbenzene	<20.6	ug/kg	65.5	20.6	1	07/26/21 09:00	07/28/21 03:31	98-06-6	H1
Carbon tetrachloride	<14.4	ug/kg	65.5	14.4	1	07/26/21 09:00	07/28/21 03:31	56-23-5	H1
Chlorobenzene	<7.8	ug/kg	65.5	7.8	1	07/26/21 09:00	07/28/21 03:31	108-90-7	H1
Chloroethane	<27.6	ug/kg	327	27.6	1	07/26/21 09:00	07/28/21 03:31	75-00-3	H1
Chloroform	<46.9	ug/kg	327	46.9	1	07/26/21 09:00	07/28/21 03:31	67-66-3	H1
Chloromethane	<24.9	ug/kg	65.5	24.9	1	07/26/21 09:00	07/28/21 03:31	74-87-3	H1
2-Chlorotoluene	<21.2	ug/kg	65.5	21.2	1	07/26/21 09:00	07/28/21 03:31	95-49-8	H1
4-Chlorotoluene	<24.9	ug/kg	65.5	24.9	1	07/26/21 09:00	07/28/21 03:31	106-43-4	H1
1,2-Dibromo-3-chloropropane	<50.8	ug/kg	327	50.8	1	07/26/21 09:00	07/28/21 03:31	96-12-8	H1
Dibromochloromethane	<224	ug/kg	327	224	1	07/26/21 09:00	07/28/21 03:31	124-48-1	H1
1,2-Dibromoethane (EDB)	<17.9	ug/kg	65.5	17.9	1	07/26/21 09:00	07/28/21 03:31	106-93-4	H1
Dibromomethane	<19.4	ug/kg	65.5	19.4	1	07/26/21 09:00	07/28/21 03:31	74-95-3	H1
1,2-Dichlorobenzene	<20.3	ug/kg	65.5	20.3	1	07/26/21 09:00	07/28/21 03:31	95-50-1	H1
1,3-Dichlorobenzene	<17.9	ug/kg	65.5	17.9	1	07/26/21 09:00	07/28/21 03:31	541-73-1	H1
1,4-Dichlorobenzene	<17.9	ug/kg	65.5	17.9	1	07/26/21 09:00	07/28/21 03:31	106-46-7	H1
Dichlorodifluoromethane	<28.2	ug/kg	65.5	28.2	1	07/26/21 09:00	07/28/21 03:31	75-71-8	H1
1,1-Dichloroethane	<16.8	ug/kg	65.5	16.8	1	07/26/21 09:00	07/28/21 03:31	75-34-3	H1
1,2-Dichloroethane	<15.1	ug/kg	65.5	15.1	1	07/26/21 09:00	07/28/21 03:31	107-06-2	H1
1,1-Dichloroethene	<21.7	ug/kg	65.5	21.7	1	07/26/21 09:00	07/28/21 03:31	75-35-4	H1
cis-1,2-Dichloroethene	<14.0	ug/kg	65.5	14.0	1	07/26/21 09:00	07/28/21 03:31	156-59-2	H1
trans-1,2-Dichloroethene	<14.1	ug/kg	65.5	14.1	1	07/26/21 09:00	07/28/21 03:31	156-60-5	H1
1,2-Dichloropropane	<15.6	ug/kg	65.5	15.6	1	07/26/21 09:00	07/28/21 03:31	78-87-5	H1
1,3-Dichloropropane	<14.3	ug/kg	65.5	14.3	1	07/26/21 09:00	07/28/21 03:31	142-28-9	H1
2,2-Dichloropropane	<17.7	ug/kg	65.5	17.7	1	07/26/21 09:00	07/28/21 03:31	594-20-7	H1
1,1-Dichloropropene	<21.2	ug/kg	65.5	21.2	1	07/26/21 09:00	07/28/21 03:31	563-58-6	H1
cis-1,3-Dichloropropene	<43.2	ug/kg	327	43.2	1	07/26/21 09:00	07/28/21 03:31	10061-01-5	H1
trans-1,3-Dichloropropene	<187	ug/kg	327	187	1	07/26/21 09:00	07/28/21 03:31	10061-02-6	H1
Diisopropyl ether	<16.2	ug/kg	65.5	16.2	1	07/26/21 09:00	07/28/21 03:31	108-20-3	H1
Ethylbenzene	<15.6	ug/kg	65.5	15.6	1	07/26/21 09:00	07/28/21 03:31	100-41-4	H1
Hexachloro-1,3-butadiene	<130	ug/kg	327	130	1	07/26/21 09:00	07/28/21 03:31	87-68-3	H1
Isopropylbenzene (Cumene)	<17.7	ug/kg	65.5	17.7	1	07/26/21 09:00	07/28/21 03:31	98-82-8	H1
p-Isopropyltoluene	<19.9	ug/kg	65.5	19.9	1	07/26/21 09:00	07/28/21 03:31	99-87-6	H1
Methylene Chloride	<18.2	ug/kg	65.5	18.2	1	07/26/21 09:00	07/28/21 03:31	75-09-2	H1
Methyl-tert-butyl ether	<19.2	ug/kg	65.5	19.2	1	07/26/21 09:00	07/28/21 03:31	1634-04-4	H1
Naphthalene	<20.4	ug/kg	327	20.4	1	07/26/21 09:00	07/28/21 03:31	91-20-3	H1
n-Propylbenzene	<15.7	ug/kg	65.5	15.7	1	07/26/21 09:00	07/28/21 03:31	103-65-1	H1

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: P-5 (10) Lab ID: 40229968021 Collected: 07/13/21 17:30 Received: 07/15/21 09:15 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
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<16.8	ug/kg	65.5	16.8	1	07/26/21 09:00	07/28/21 03:31	100-42-5	H1
1,1,1,2-Tetrachloroethane	<15.7	ug/kg	65.5	15.7	1	07/26/21 09:00	07/28/21 03:31	630-20-6	H1
1,1,2,2-Tetrachloroethane	<23.7	ug/kg	65.5	23.7	1	07/26/21 09:00	07/28/21 03:31	79-34-5	H1
Tetrachloroethene	<25.4	ug/kg	65.5	25.4	1	07/26/21 09:00	07/28/21 03:31	127-18-4	H1
Toluene	<16.5	ug/kg	65.5	16.5	1	07/26/21 09:00	07/28/21 03:31	108-88-3	H1
1,2,3-Trichlorobenzene	<72.9	ug/kg	327	72.9	1	07/26/21 09:00	07/28/21 03:31	87-61-6	H1
1,2,4-Trichlorobenzene	<54.0	ug/kg	327	54.0	1	07/26/21 09:00	07/28/21 03:31	120-82-1	H1
1,1,1-Trichloroethane	<16.8	ug/kg	65.5	16.8	1	07/26/21 09:00	07/28/21 03:31	71-55-6	H1
1,1,2-Trichloroethane	<23.8	ug/kg	65.5	23.8	1	07/26/21 09:00	07/28/21 03:31	79-00-5	H1
Trichloroethene	<24.5	ug/kg	65.5	24.5	1	07/26/21 09:00	07/28/21 03:31	79-01-6	H1
Trichlorofluoromethane	<19.0	ug/kg	65.5	19.0	1	07/26/21 09:00	07/28/21 03:31	75-69-4	H1
1,2,3-Trichloropropane	<31.8	ug/kg	65.5	31.8	1	07/26/21 09:00	07/28/21 03:31	96-18-4	H1
1,2,4-Trimethylbenzene	<19.5	ug/kg	65.5	19.5	1	07/26/21 09:00	07/28/21 03:31	95-63-6	H1
1,3,5-Trimethylbenzene	<21.1	ug/kg	65.5	21.1	1	07/26/21 09:00	07/28/21 03:31	108-67-8	H1
Vinyl chloride	<13.2	ug/kg	65.5	13.2	1	07/26/21 09:00	07/28/21 03:31	75-01-4	H1
m&p-Xylene	<27.6	ug/kg	131	27.6	1	07/26/21 09:00	07/28/21 03:31	179601-23-1	H1
o-Xylene	<19.6	ug/kg	65.5	19.6	1	07/26/21 09:00	07/28/21 03:31	95-47-6	H1
Surrogates									
Toluene-d8 (S)	105	%	67-159		1	07/26/21 09:00	07/28/21 03:31	2037-26-5	
4-Bromofluorobenzene (S)	99	%	66-153		1	07/26/21 09:00	07/28/21 03:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	07/26/21 09:00	07/28/21 03:31	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.4	%	0.10	0.10	1		07/15/21 17:09		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: MEOH-TB Lab ID: 40229968022 Collected: 07/13/21 00:00 Received: 07/15/21 09:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<11.9	ug/kg	20.0	11.9	1	07/26/21 09:00	07/27/21 21:48	71-43-2	
Bromobenzene	<19.5	ug/kg	50.0	19.5	1	07/26/21 09:00	07/27/21 21:48	108-86-1	
Bromochloromethane	<13.7	ug/kg	50.0	13.7	1	07/26/21 09:00	07/27/21 21:48	74-97-5	
Bromodichloromethane	<11.9	ug/kg	50.0	11.9	1	07/26/21 09:00	07/27/21 21:48	75-27-4	
Bromoform	<220	ug/kg	250	220	1	07/26/21 09:00	07/27/21 21:48	75-25-2	
Bromomethane	<70.1	ug/kg	250	70.1	1	07/26/21 09:00	07/27/21 21:48	74-83-9	
n-Butylbenzene	<22.9	ug/kg	50.0	22.9	1	07/26/21 09:00	07/27/21 21:48	104-51-8	
sec-Butylbenzene	<12.2	ug/kg	50.0	12.2	1	07/26/21 09:00	07/27/21 21:48	135-98-8	
tert-Butylbenzene	<15.7	ug/kg	50.0	15.7	1	07/26/21 09:00	07/27/21 21:48	98-06-6	
Carbon tetrachloride	<11.0	ug/kg	50.0	11.0	1	07/26/21 09:00	07/27/21 21:48	56-23-5	
Chlorobenzene	<6.0	ug/kg	50.0	6.0	1	07/26/21 09:00	07/27/21 21:48	108-90-7	
Chloroethane	<21.1	ug/kg	250	21.1	1	07/26/21 09:00	07/27/21 21:48	75-00-3	
Chloroform	<35.8	ug/kg	250	35.8	1	07/26/21 09:00	07/27/21 21:48	67-66-3	
Chloromethane	<19.0	ug/kg	50.0	19.0	1	07/26/21 09:00	07/27/21 21:48	74-87-3	
2-Chlorotoluene	<16.2	ug/kg	50.0	16.2	1	07/26/21 09:00	07/27/21 21:48	95-49-8	
4-Chlorotoluene	<19.0	ug/kg	50.0	19.0	1	07/26/21 09:00	07/27/21 21:48	106-43-4	
1,2-Dibromo-3-chloropropane	<38.8	ug/kg	250	38.8	1	07/26/21 09:00	07/27/21 21:48	96-12-8	
Dibromochloromethane	<171	ug/kg	250	171	1	07/26/21 09:00	07/27/21 21:48	124-48-1	
1,2-Dibromoethane (EDB)	<13.7	ug/kg	50.0	13.7	1	07/26/21 09:00	07/27/21 21:48	106-93-4	
Dibromomethane	<14.8	ug/kg	50.0	14.8	1	07/26/21 09:00	07/27/21 21:48	74-95-3	
1,2-Dichlorobenzene	<15.5	ug/kg	50.0	15.5	1	07/26/21 09:00	07/27/21 21:48	95-50-1	
1,3-Dichlorobenzene	<13.7	ug/kg	50.0	13.7	1	07/26/21 09:00	07/27/21 21:48	541-73-1	
1,4-Dichlorobenzene	<13.7	ug/kg	50.0	13.7	1	07/26/21 09:00	07/27/21 21:48	106-46-7	
Dichlorodifluoromethane	<21.5	ug/kg	50.0	21.5	1	07/26/21 09:00	07/27/21 21:48	75-71-8	
1,1-Dichloroethane	<12.8	ug/kg	50.0	12.8	1	07/26/21 09:00	07/27/21 21:48	75-34-3	
1,2-Dichloroethane	<11.5	ug/kg	50.0	11.5	1	07/26/21 09:00	07/27/21 21:48	107-06-2	
1,1-Dichloroethene	<16.6	ug/kg	50.0	16.6	1	07/26/21 09:00	07/27/21 21:48	75-35-4	
cis-1,2-Dichloroethene	<10.7	ug/kg	50.0	10.7	1	07/26/21 09:00	07/27/21 21:48	156-59-2	
trans-1,2-Dichloroethene	<10.8	ug/kg	50.0	10.8	1	07/26/21 09:00	07/27/21 21:48	156-60-5	
1,2-Dichloropropane	<11.9	ug/kg	50.0	11.9	1	07/26/21 09:00	07/27/21 21:48	78-87-5	
1,3-Dichloropropane	<10.9	ug/kg	50.0	10.9	1	07/26/21 09:00	07/27/21 21:48	142-28-9	
2,2-Dichloropropane	<13.5	ug/kg	50.0	13.5	1	07/26/21 09:00	07/27/21 21:48	594-20-7	
1,1-Dichloropropene	<16.2	ug/kg	50.0	16.2	1	07/26/21 09:00	07/27/21 21:48	563-58-6	
cis-1,3-Dichloropropene	<33.0	ug/kg	250	33.0	1	07/26/21 09:00	07/27/21 21:48	10061-01-5	
trans-1,3-Dichloropropene	<143	ug/kg	250	143	1	07/26/21 09:00	07/27/21 21:48	10061-02-6	
Diisopropyl ether	<12.4	ug/kg	50.0	12.4	1	07/26/21 09:00	07/27/21 21:48	108-20-3	
Ethylbenzene	<11.9	ug/kg	50.0	11.9	1	07/26/21 09:00	07/27/21 21:48	100-41-4	
Hexachloro-1,3-butadiene	<99.4	ug/kg	250	99.4	1	07/26/21 09:00	07/27/21 21:48	87-68-3	
Isopropylbenzene (Cumene)	<13.5	ug/kg	50.0	13.5	1	07/26/21 09:00	07/27/21 21:48	98-82-8	
p-Isopropyltoluene	<15.2	ug/kg	50.0	15.2	1	07/26/21 09:00	07/27/21 21:48	99-87-6	
Methylene Chloride	<13.9	ug/kg	50.0	13.9	1	07/26/21 09:00	07/27/21 21:48	75-09-2	
Methyl-tert-butyl ether	<14.7	ug/kg	50.0	14.7	1	07/26/21 09:00	07/27/21 21:48	1634-04-4	
Naphthalene	<15.6	ug/kg	250	15.6	1	07/26/21 09:00	07/27/21 21:48	91-20-3	
n-Propylbenzene	<12.0	ug/kg	50.0	12.0	1	07/26/21 09:00	07/27/21 21:48	103-65-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: MEOH-TB **Lab ID: 40229968022** Collected: 07/13/21 00:00 Received: 07/15/21 09:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<12.8	ug/kg	50.0	12.8	1	07/26/21 09:00	07/27/21 21:48	100-42-5	
1,1,1,2-Tetrachloroethane	<12.0	ug/kg	50.0	12.0	1	07/26/21 09:00	07/27/21 21:48	630-20-6	
1,1,2,2-Tetrachloroethane	<18.1	ug/kg	50.0	18.1	1	07/26/21 09:00	07/27/21 21:48	79-34-5	
Tetrachloroethene	<19.4	ug/kg	50.0	19.4	1	07/26/21 09:00	07/27/21 21:48	127-18-4	
Toluene	<12.6	ug/kg	50.0	12.6	1	07/26/21 09:00	07/27/21 21:48	108-88-3	
1,2,3-Trichlorobenzene	<55.7	ug/kg	250	55.7	1	07/26/21 09:00	07/27/21 21:48	87-61-6	
1,2,4-Trichlorobenzene	<41.2	ug/kg	250	41.2	1	07/26/21 09:00	07/27/21 21:48	120-82-1	
1,1,1-Trichloroethane	<12.8	ug/kg	50.0	12.8	1	07/26/21 09:00	07/27/21 21:48	71-55-6	
1,1,2-Trichloroethane	<18.2	ug/kg	50.0	18.2	1	07/26/21 09:00	07/27/21 21:48	79-00-5	
Trichloroethene	<18.7	ug/kg	50.0	18.7	1	07/26/21 09:00	07/27/21 21:48	79-01-6	
Trichlorofluoromethane	<14.5	ug/kg	50.0	14.5	1	07/26/21 09:00	07/27/21 21:48	75-69-4	
1,2,3-Trichloropropane	<24.3	ug/kg	50.0	24.3	1	07/26/21 09:00	07/27/21 21:48	96-18-4	
1,2,4-Trimethylbenzene	<14.9	ug/kg	50.0	14.9	1	07/26/21 09:00	07/27/21 21:48	95-63-6	
1,3,5-Trimethylbenzene	<16.1	ug/kg	50.0	16.1	1	07/26/21 09:00	07/27/21 21:48	108-67-8	
Vinyl chloride	<10.1	ug/kg	50.0	10.1	1	07/26/21 09:00	07/27/21 21:48	75-01-4	
m&p-Xylene	<21.1	ug/kg	100	21.1	1	07/26/21 09:00	07/27/21 21:48	179601-23-1	
o-Xylene	<15.0	ug/kg	50.0	15.0	1	07/26/21 09:00	07/27/21 21:48	95-47-6	
Surrogates									
Toluene-d8 (S)	97	%	67-159		1	07/26/21 09:00	07/27/21 21:48	2037-26-5	
4-Bromofluorobenzene (S)	100	%	66-153		1	07/26/21 09:00	07/27/21 21:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	82-158		1	07/26/21 09:00	07/27/21 21:48	2199-69-1	

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: HCL-TB **Lab ID: 40229968023** Collected: 07/13/21 00:00 Received: 07/15/21 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 09:16	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:16	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 09:16	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 09:16	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 09:16	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 09:16	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 09:16	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 09:16	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 09:16	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 09:16	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 09:16	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 09:16	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 09:16	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 09:16	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 09:16	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 09:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 09:16	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 09:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 09:16	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 09:16	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 09:16	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 09:16	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 09:16	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 09:16	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 09:16	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 09:16	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 09:16	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 09:16	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 09:16	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 09:16	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 09:16	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 09:16	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 09:16	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:16	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 09:16	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 09:16	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 09:16	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 09:16	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 09:16	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 09:16	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 09:16	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 09:16	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 09:16	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 09:16	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:16	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Sample: HCL-TB **Lab ID: 40229968023** Collected: 07/13/21 00:00 Received: 07/15/21 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 09:16	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 09:16	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 09:16	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 09:16	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 09:16	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 09:16	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 09:16	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 09:16	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 09:16	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 09:16	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 09:16	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 09:16	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:16	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 09:16	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 09:16	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 09:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		07/22/21 09:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/22/21 09:16	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		07/22/21 09:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

QC Batch: 391220 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: 40229968001

METHOD BLANK: 2256523 Matrix: Solid

Associated Lab Samples: 40229968001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	07/23/21 17:45	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	07/23/21 17:45	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	07/23/21 17:45	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	07/23/21 17:45	
1,1-Dichloroethane	ug/kg	<12.8	50.0	07/23/21 17:45	
1,1-Dichloroethene	ug/kg	<16.6	50.0	07/23/21 17:45	
1,1-Dichloropropene	ug/kg	<16.2	50.0	07/23/21 17:45	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	07/23/21 17:45	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	07/23/21 17:45	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	07/23/21 17:45	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	07/23/21 17:45	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	07/23/21 17:45	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	07/23/21 17:45	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	07/23/21 17:45	
1,2-Dichloroethane	ug/kg	<11.5	50.0	07/23/21 17:45	
1,2-Dichloropropane	ug/kg	<11.9	50.0	07/23/21 17:45	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	07/23/21 17:45	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	07/23/21 17:45	
1,3-Dichloropropane	ug/kg	<10.9	50.0	07/23/21 17:45	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	07/23/21 17:45	
2,2-Dichloropropane	ug/kg	<13.5	50.0	07/23/21 17:45	
2-Chlorotoluene	ug/kg	<16.2	50.0	07/23/21 17:45	
4-Chlorotoluene	ug/kg	<19.0	50.0	07/23/21 17:45	
Benzene	ug/kg	<11.9	20.0	07/23/21 17:45	
Bromobenzene	ug/kg	<19.5	50.0	07/23/21 17:45	
Bromochloromethane	ug/kg	<13.7	50.0	07/23/21 17:45	
Bromodichloromethane	ug/kg	<11.9	50.0	07/23/21 17:45	
Bromoform	ug/kg	<220	250	07/23/21 17:45	
Bromomethane	ug/kg	<70.1	250	07/23/21 17:45	
Carbon tetrachloride	ug/kg	<11.0	50.0	07/23/21 17:45	
Chlorobenzene	ug/kg	<6.0	50.0	07/23/21 17:45	
Chloroethane	ug/kg	<21.1	250	07/23/21 17:45	
Chloroform	ug/kg	<35.8	250	07/23/21 17:45	
Chloromethane	ug/kg	<19.0	50.0	07/23/21 17:45	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	07/23/21 17:45	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	07/23/21 17:45	
Dibromochloromethane	ug/kg	<171	250	07/23/21 17:45	
Dibromomethane	ug/kg	<14.8	50.0	07/23/21 17:45	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	07/23/21 17:45	
Diisopropyl ether	ug/kg	<12.4	50.0	07/23/21 17:45	

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

METHOD BLANK: 2256523 Matrix: Solid
Associated Lab Samples: 40229968001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	07/23/21 17:45	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	07/23/21 17:45	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	07/23/21 17:45	
m&p-Xylene	ug/kg	<21.1	100	07/23/21 17:45	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	07/23/21 17:45	
Methylene Chloride	ug/kg	<13.9	50.0	07/23/21 17:45	
n-Butylbenzene	ug/kg	<22.9	50.0	07/23/21 17:45	
n-Propylbenzene	ug/kg	<12.0	50.0	07/23/21 17:45	
Naphthalene	ug/kg	<15.6	250	07/23/21 17:45	
o-Xylene	ug/kg	<15.0	50.0	07/23/21 17:45	
p-Isopropyltoluene	ug/kg	<15.2	50.0	07/23/21 17:45	
sec-Butylbenzene	ug/kg	<12.2	50.0	07/23/21 17:45	
Styrene	ug/kg	<12.8	50.0	07/23/21 17:45	
tert-Butylbenzene	ug/kg	<15.7	50.0	07/23/21 17:45	
Tetrachloroethene	ug/kg	<19.4	50.0	07/23/21 17:45	
Toluene	ug/kg	<12.6	50.0	07/23/21 17:45	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	07/23/21 17:45	
trans-1,3-Dichloropropene	ug/kg	<143	250	07/23/21 17:45	
Trichloroethene	ug/kg	<18.7	50.0	07/23/21 17:45	
Trichlorofluoromethane	ug/kg	<14.5	50.0	07/23/21 17:45	
Vinyl chloride	ug/kg	<10.1	50.0	07/23/21 17:45	
1,2-Dichlorobenzene-d4 (S)	%	98	82-158	07/23/21 17:45	
4-Bromofluorobenzene (S)	%	99	66-153	07/23/21 17:45	
Toluene-d8 (S)	%	104	67-159	07/23/21 17:45	

LABORATORY CONTROL SAMPLE: 2256524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2560	103	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2570	103	65-129	
1,1,2-Trichloroethane	ug/kg	2500	2540	102	70-130	
1,1-Dichloroethane	ug/kg	2500	2640	106	70-130	
1,1-Dichloroethene	ug/kg	2500	2500	100	67-120	
1,2,4-Trichlorobenzene	ug/kg	2500	1730	69	64-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2140	86	57-119	
1,2-Dibromoethane (EDB)	ug/kg	2500	2530	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2450	98	70-130	
1,2-Dichloroethane	ug/kg	2500	2680	107	70-130	
1,2-Dichloropropane	ug/kg	2500	2710	108	72-118	
1,3-Dichlorobenzene	ug/kg	2500	2410	97	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2410	96	70-130	
Benzene	ug/kg	2500	2520	101	70-130	
Bromodichloromethane	ug/kg	2500	2470	99	70-130	
Bromoform	ug/kg	2500	2100	84	66-130	

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

LABORATORY CONTROL SAMPLE: 2256524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2530	101	13-153	
Carbon tetrachloride	ug/kg	2500	2630	105	73-134	
Chlorobenzene	ug/kg	2500	2530	101	70-130	
Chloroethane	ug/kg	2500	2660	107	19-170	
Chloroform	ug/kg	2500	2700	108	79-120	
Chloromethane	ug/kg	2500	2290	92	45-117	
cis-1,2-Dichloroethene	ug/kg	2500	2450	98	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2430	97	68-130	
Dibromochloromethane	ug/kg	2500	2370	95	70-130	
Dichlorodifluoromethane	ug/kg	2500	1550	62	15-135	
Ethylbenzene	ug/kg	2500	2430	97	78-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2300	92	70-130	
m&p-Xylene	ug/kg	5000	4880	98	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2280	91	65-130	
Methylene Chloride	ug/kg	2500	2530	101	70-130	
o-Xylene	ug/kg	2500	2490	100	70-130	
Styrene	ug/kg	2500	2630	105	70-130	
Tetrachloroethene	ug/kg	2500	2250	90	70-130	
Toluene	ug/kg	2500	2450	98	76-120	
trans-1,2-Dichloroethene	ug/kg	2500	2490	100	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2380	95	70-130	
Trichloroethene	ug/kg	2500	2660	106	70-130	
Trichlorofluoromethane	ug/kg	2500	2390	96	49-153	
Vinyl chloride	ug/kg	2500	2300	92	58-121	
1,2-Dichlorobenzene-d4 (S)	%			97	82-158	
4-Bromofluorobenzene (S)	%			104	66-153	
Toluene-d8 (S)	%			105	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2256525 2256526

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40229926016 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<17.9	1400	1400	1170	1410	84	100	70-130	18	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.3	1400	1400	1270	1440	91	103	65-129	13	20		
1,1,2-Trichloroethane	ug/kg	<25.5	1400	1400	1250	1440	89	103	70-130	14	20		
1,1-Dichloroethane	ug/kg	<17.9	1400	1400	1260	1490	90	106	70-130	16	20		
1,1-Dichloroethene	ug/kg	<23.2	1400	1400	1180	1340	84	95	64-120	12	20		
1,2,4-Trichlorobenzene	ug/kg	<57.7	1400	1400	994	1030	71	74	64-130	4	20		
1,2-Dibromo-3-chloropropane	ug/kg	<54.3	1400	1400	1050	1150	75	82	57-130	9	21		
1,2-Dibromoethane (EDB)	ug/kg	<19.2	1400	1400	1250	1410	89	100	70-130	12	20		
1,2-Dichlorobenzene	ug/kg	<21.7	1400	1400	1290	1380	92	99	70-130	7	20		
1,2-Dichloroethane	ug/kg	<16.1	1400	1400	1340	1530	96	109	70-130	13	20		
1,2-Dichloropropane	ug/kg	<16.7	1400	1400	1320	1490	94	107	72-122	13	20		
1,3-Dichlorobenzene	ug/kg	<19.2	1400	1400	1250	1390	89	99	70-130	11	20		

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2256525		2256526		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40229926016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/kg	<19.2	1400	1400	1260	1380	90	99	70-130	9	20		
Benzene	ug/kg	<16.7	1400	1400	1220	1400	87	100	70-130	13	20		
Bromodichloromethane	ug/kg	<16.7	1400	1400	1150	1330	82	95	70-130	15	20		
Bromoform	ug/kg	<308	1400	1400	931	1080	67	77	66-130	15	20		
Bromomethane	ug/kg	<98.1	1400	1400	1170	1390	84	100	13-153	17	20		
Carbon tetrachloride	ug/kg	<15.4	1400	1400	1180	1360	84	97	67-134	14	20		
Chlorobenzene	ug/kg	<8.4	1400	1400	1250	1420	89	102	70-130	13	20		
Chloroethane	ug/kg	<29.5	1400	1400	1390	1440	99	103	11-195	4	20		
Chloroform	ug/kg	<50.1	1400	1400	1310	1470	94	105	79-120	11	20		
Chloromethane	ug/kg	<26.6	1400	1400	987	1130	71	81	30-136	14	20		
cis-1,2-Dichloroethene	ug/kg	<15.0	1400	1400	1230	1440	88	103	70-130	15	20		
cis-1,3-Dichloropropene	ug/kg	<46.2	1400	1400	1110	1270	80	90	68-130	13	20		
Dibromochloromethane	ug/kg	<239	1400	1400	1110	1250	79	89	70-130	12	20		
Dichlorodifluoromethane	ug/kg	<30.1	1400	1400	577	662	41	47	10-158	14	25		
Ethylbenzene	ug/kg	<16.7	1400	1400	1160	1310	83	94	78-120	12	20		
Isopropylbenzene (Cumene)	ug/kg	<18.9	1400	1400	1090	1230	78	88	70-130	12	20		
m&p-Xylene	ug/kg	<29.5	2800	2800	2330	2670	83	95	70-130	13	20		
Methyl-tert-butyl ether	ug/kg	<20.6	1400	1400	1150	1220	82	87	65-130	6	20		
Methylene Chloride	ug/kg	<19.5	1400	1400	1230	1390	88	99	70-130	12	20		
o-Xylene	ug/kg	<21.0	1400	1400	1200	1330	85	95	70-130	10	20		
Styrene	ug/kg	<17.9	1400	1400	1240	1390	88	99	70-130	11	20		
Tetrachloroethene	ug/kg	<27.2	1400	1400	1120	1270	80	91	70-130	12	20		
Toluene	ug/kg	<17.6	1400	1400	1210	1380	86	98	76-120	13	20		
trans-1,2-Dichloroethene	ug/kg	<15.1	1400	1400	1210	1370	86	98	70-130	13	20		
trans-1,3-Dichloropropene	ug/kg	<200	1400	1400	1130	1280	81	91	70-130	12	20		
Trichloroethene	ug/kg	<26.2	1400	1400	1270	1470	91	105	70-130	14	20		
Trichlorofluoromethane	ug/kg	<20.3	1400	1400	1020	1320	73	94	42-159	26	21	R1	
Vinyl chloride	ug/kg	<14.1	1400	1400	1030	1180	73	84	43-137	14	20		
1,2-Dichlorobenzene-d4 (S)	%						112	113	82-158				
4-Bromofluorobenzene (S)	%						118	124	66-153				
Toluene-d8 (S)	%						120	121	67-159				

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

QC Batch: 391320 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: 40229968002, 40229968003, 40229968006, 40229968007, 40229968009, 40229968010, 40229968011, 40229968012, 40229968013, 40229968014, 40229968015, 40229968016, 40229968017, 40229968018, 40229968019, 40229968020, 40229968021, 40229968022

METHOD BLANK: 2257275 Matrix: Solid

Associated Lab Samples: 40229968002, 40229968003, 40229968006, 40229968007, 40229968009, 40229968010, 40229968011, 40229968012, 40229968013, 40229968014, 40229968015, 40229968016, 40229968017, 40229968018, 40229968019, 40229968020, 40229968021, 40229968022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	07/27/21 09:39	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	07/27/21 09:39	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	07/27/21 09:39	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	07/27/21 09:39	
1,1-Dichloroethane	ug/kg	<12.8	50.0	07/27/21 09:39	
1,1-Dichloroethene	ug/kg	<16.6	50.0	07/27/21 09:39	
1,1-Dichloropropene	ug/kg	<16.2	50.0	07/27/21 09:39	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	07/27/21 09:39	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	07/27/21 09:39	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	07/27/21 09:39	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	07/27/21 09:39	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	07/27/21 09:39	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	07/27/21 09:39	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	07/27/21 09:39	
1,2-Dichloroethane	ug/kg	<11.5	50.0	07/27/21 09:39	
1,2-Dichloropropane	ug/kg	<11.9	50.0	07/27/21 09:39	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	07/27/21 09:39	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	07/27/21 09:39	
1,3-Dichloropropane	ug/kg	<10.9	50.0	07/27/21 09:39	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	07/27/21 09:39	
2,2-Dichloropropane	ug/kg	<13.5	50.0	07/27/21 09:39	
2-Chlorotoluene	ug/kg	<16.2	50.0	07/27/21 09:39	
4-Chlorotoluene	ug/kg	<19.0	50.0	07/27/21 09:39	
Benzene	ug/kg	<11.9	20.0	07/27/21 09:39	
Bromobenzene	ug/kg	<19.5	50.0	07/27/21 09:39	
Bromochloromethane	ug/kg	<13.7	50.0	07/27/21 09:39	
Bromodichloromethane	ug/kg	<11.9	50.0	07/27/21 09:39	
Bromoform	ug/kg	<220	250	07/27/21 09:39	
Bromomethane	ug/kg	<70.1	250	07/27/21 09:39	
Carbon tetrachloride	ug/kg	<11.0	50.0	07/27/21 09:39	
Chlorobenzene	ug/kg	<6.0	50.0	07/27/21 09:39	
Chloroethane	ug/kg	<21.1	250	07/27/21 09:39	
Chloroform	ug/kg	<35.8	250	07/27/21 09:39	
Chloromethane	ug/kg	<19.0	50.0	07/27/21 09:39	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	07/27/21 09:39	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	07/27/21 09:39	
Dibromochloromethane	ug/kg	<171	250	07/27/21 09:39	

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

METHOD BLANK: 2257275

Matrix: Solid

Associated Lab Samples: 40229968002, 40229968003, 40229968006, 40229968007, 40229968009, 40229968010, 40229968011, 40229968012, 40229968013, 40229968014, 40229968015, 40229968016, 40229968017, 40229968018, 40229968019, 40229968020, 40229968021, 40229968022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	<14.8	50.0	07/27/21 09:39	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	07/27/21 09:39	
Diisopropyl ether	ug/kg	<12.4	50.0	07/27/21 09:39	
Ethylbenzene	ug/kg	<11.9	50.0	07/27/21 09:39	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	07/27/21 09:39	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	07/27/21 09:39	
m&p-Xylene	ug/kg	<21.1	100	07/27/21 09:39	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	07/27/21 09:39	
Methylene Chloride	ug/kg	<13.9	50.0	07/27/21 09:39	
n-Butylbenzene	ug/kg	<22.9	50.0	07/27/21 09:39	
n-Propylbenzene	ug/kg	<12.0	50.0	07/27/21 09:39	
Naphthalene	ug/kg	<15.6	250	07/27/21 09:39	
o-Xylene	ug/kg	<15.0	50.0	07/27/21 09:39	
p-Isopropyltoluene	ug/kg	<15.2	50.0	07/27/21 09:39	
sec-Butylbenzene	ug/kg	<12.2	50.0	07/27/21 09:39	
Styrene	ug/kg	<12.8	50.0	07/27/21 09:39	
tert-Butylbenzene	ug/kg	<15.7	50.0	07/27/21 09:39	
Tetrachloroethene	ug/kg	<19.4	50.0	07/27/21 09:39	
Toluene	ug/kg	<12.6	50.0	07/27/21 09:39	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	07/27/21 09:39	
trans-1,3-Dichloropropene	ug/kg	<143	250	07/27/21 09:39	
Trichloroethene	ug/kg	<18.7	50.0	07/27/21 09:39	
Trichlorofluoromethane	ug/kg	<14.5	50.0	07/27/21 09:39	
Vinyl chloride	ug/kg	<10.1	50.0	07/27/21 09:39	
1,2-Dichlorobenzene-d4 (S)	%	102	82-158	07/27/21 09:39	
4-Bromofluorobenzene (S)	%	94	66-153	07/27/21 09:39	
Toluene-d8 (S)	%	101	67-159	07/27/21 09:39	

LABORATORY CONTROL SAMPLE: 2257276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2420	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2270	91	65-129	
1,1,2-Trichloroethane	ug/kg	2500	2350	94	70-130	
1,1-Dichloroethane	ug/kg	2500	2460	98	70-130	
1,1-Dichloroethene	ug/kg	2500	2430	97	67-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2370	95	64-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2200	88	57-119	
1,2-Dibromoethane (EDB)	ug/kg	2500	2460	98	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2430	97	70-130	
1,2-Dichloroethane	ug/kg	2500	2480	99	70-130	
1,2-Dichloropropane	ug/kg	2500	2400	96	72-118	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

LABORATORY CONTROL SAMPLE: 2257276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/kg	2500	2460	98	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2390	96	70-130	
Benzene	ug/kg	2500	2470	99	70-130	
Bromodichloromethane	ug/kg	2500	2390	96	70-130	
Bromoform	ug/kg	2500	2200	88	66-130	
Bromomethane	ug/kg	2500	1800	72	13-153	
Carbon tetrachloride	ug/kg	2500	2430	97	73-134	
Chlorobenzene	ug/kg	2500	2500	100	70-130	
Chloroethane	ug/kg	2500	2080	83	19-170	
Chloroform	ug/kg	2500	2470	99	79-120	
Chloromethane	ug/kg	2500	2170	87	45-117	
cis-1,2-Dichloroethene	ug/kg	2500	2400	96	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2380	95	68-130	
Dibromochloromethane	ug/kg	2500	2330	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	1390	56	15-135	
Ethylbenzene	ug/kg	2500	2440	97	78-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2450	98	70-130	
m&p-Xylene	ug/kg	5000	4980	100	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2310	93	65-130	
Methylene Chloride	ug/kg	2500	2410	96	70-130	
o-Xylene	ug/kg	2500	2440	97	70-130	
Styrene	ug/kg	2500	2530	101	70-130	
Tetrachloroethene	ug/kg	2500	2520	101	70-130	
Toluene	ug/kg	2500	2410	96	76-120	
trans-1,2-Dichloroethene	ug/kg	2500	2430	97	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2330	93	70-130	
Trichloroethene	ug/kg	2500	2540	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2350	94	49-153	
Vinyl chloride	ug/kg	2500	2280	91	58-121	
1,2-Dichlorobenzene-d4 (S)	%			103	82-158	
4-Bromofluorobenzene (S)	%			100	66-153	
Toluene-d8 (S)	%			104	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2257277 2257278

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40229968012 Result	Spike Conc.	Spike Conc.	MSD Result								
1,1,1-Trichloroethane	ug/kg	<17.4	1360	1360	1170	1200	86	88	70-130	2	20		
1,1,2,2-Tetrachloroethane	ug/kg	<24.6	1360	1360	1330	1230	98	90	65-129	8	20		
1,1,2-Trichloroethane	ug/kg	<24.7	1360	1360	1360	1300	100	96	70-130	4	20		
1,1-Dichloroethane	ug/kg	<17.4	1360	1360	1300	1350	96	99	70-130	4	20		
1,1-Dichloroethene	ug/kg	<22.5	1360	1360	1200	1250	88	92	64-120	4	20		
1,2,4-Trichlorobenzene	ug/kg	<56.0	1360	1360	1550	1380	114	101	64-130	12	20		
1,2-Dibromo-3-chloropropane	ug/kg	<52.7	1360	1360	1280	1150	94	85	57-130	10	21		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Parameter	Units	2257277		2257278		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40229968012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dibromoethane (EDB)	ug/kg	<18.6	1360	1360	1380	1300	101	96	70-130	5	20		
1,2-Dichlorobenzene	ug/kg	<21.1	1360	1360	1500	1380	111	102	70-130	8	20		
1,2-Dichloroethane	ug/kg	<15.6	1360	1360	1350	1350	100	100	70-130	0	20		
1,2-Dichloropropane	ug/kg	<16.2	1360	1360	1300	1280	96	94	72-122	1	20		
1,3-Dichlorobenzene	ug/kg	<18.6	1360	1360	1460	1360	107	100	70-130	7	20		
1,4-Dichlorobenzene	ug/kg	<18.6	1360	1360	1480	1370	109	101	70-130	7	20		
Benzene	ug/kg	<16.2	1360	1360	1290	1330	95	98	70-130	3	20		
Bromodichloromethane	ug/kg	<16.2	1360	1360	1300	1260	96	93	70-130	3	20		
Bromoform	ug/kg	<299	1360	1360	1200	1130	89	83	66-130	7	20		
Bromomethane	ug/kg	<95.2	1360	1360	996	1140	73	84	13-153	13	20		
Carbon tetrachloride	ug/kg	<14.9	1360	1360	1180	1160	87	85	67-134	2	20		
Chlorobenzene	ug/kg	<8.1	1360	1360	1390	1330	102	98	70-130	5	20		
Chloroethane	ug/kg	<28.7	1360	1360	1080	1240	80	91	11-195	14	20		
Chloroform	ug/kg	<48.6	1360	1360	1330	1320	98	98	79-120	0	20		
Chloromethane	ug/kg	<25.8	1360	1360	1230	1320	90	97	30-136	7	20		
cis-1,2-Dichloroethene	ug/kg	<14.5	1360	1360	1290	1340	95	99	70-130	3	20		
cis-1,3-Dichloropropene	ug/kg	<44.8	1360	1360	1260	1240	93	91	68-130	2	20		
Dibromochloromethane	ug/kg	<232	1360	1360	1320	1250	97	92	70-130	5	20		
Dichlorodifluoromethane	ug/kg	<29.2	1360	1360	949	900	70	66	10-158	5	25		
Ethylbenzene	ug/kg	<16.2	1360	1360	1330	1290	98	95	78-120	3	20		
Isopropylbenzene (Cumene)	ug/kg	<18.3	1360	1360	1350	1290	100	95	70-130	5	20		
m&p-Xylene	ug/kg	<28.7	2710	2710	2710	2650	100	98	70-130	2	20		
Methyl-tert-butyl ether	ug/kg	<20.0	1360	1360	1260	1260	93	93	65-130	1	20		
Methylene Chloride	ug/kg	<18.9	1360	1360	1290	1340	95	99	70-130	3	20		
o-Xylene	ug/kg	<20.4	1360	1360	1320	1300	97	96	70-130	2	20		
Styrene	ug/kg	<17.4	1360	1360	1410	1340	104	99	70-130	5	20		
Tetrachloroethene	ug/kg	<26.3	1360	1360	1330	1200	98	88	70-130	10	20		
Toluene	ug/kg	<17.1	1360	1360	1290	1260	95	93	76-120	2	20		
trans-1,2-Dichloroethene	ug/kg	<14.7	1360	1360	1270	1350	93	99	70-130	6	20		
trans-1,3-Dichloropropene	ug/kg	<194	1360	1360	1280	1240	95	91	70-130	4	20		
Trichloroethene	ug/kg	<25.4	1360	1360	1340	1290	98	95	70-130	4	20		
Trichlorofluoromethane	ug/kg	<19.7	1360	1360	1160	1180	85	87	42-159	2	21		
Vinyl chloride	ug/kg	<13.7	1360	1360	1230	1230	90	90	43-137	0	20		
1,2-Dichlorobenzene-d4 (S)	%						112	110	82-158				
4-Bromofluorobenzene (S)	%						107	105	66-153				
Toluene-d8 (S)	%						111	107	67-159				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

QC Batch: 390656 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40229968004, 40229968005, 40229968008, 40229968023

METHOD BLANK: 2253226 Matrix: Water
Associated Lab Samples: 40229968004, 40229968005, 40229968008, 40229968023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/21/21 18:41	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/21/21 18:41	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/21/21 18:41	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	07/21/21 18:41	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/21/21 18:41	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/21/21 18:41	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/21/21 18:41	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/21/21 18:41	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	07/21/21 18:41	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/21/21 18:41	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/21/21 18:41	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/21/21 18:41	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/21/21 18:41	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/21/21 18:41	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/21/21 18:41	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/21/21 18:41	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/21/21 18:41	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/21/21 18:41	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/21/21 18:41	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/21/21 18:41	
2,2-Dichloropropane	ug/L	<4.2	5.0	07/21/21 18:41	
2-Chlorotoluene	ug/L	<0.89	5.0	07/21/21 18:41	
4-Chlorotoluene	ug/L	<0.89	5.0	07/21/21 18:41	
Benzene	ug/L	<0.30	1.0	07/21/21 18:41	
Bromobenzene	ug/L	<0.36	1.0	07/21/21 18:41	
Bromochloromethane	ug/L	<0.36	5.0	07/21/21 18:41	
Bromodichloromethane	ug/L	<0.42	1.0	07/21/21 18:41	
Bromoform	ug/L	<3.8	5.0	07/21/21 18:41	
Bromomethane	ug/L	<1.2	5.0	07/21/21 18:41	
Carbon tetrachloride	ug/L	<0.37	1.0	07/21/21 18:41	
Chlorobenzene	ug/L	<0.86	1.0	07/21/21 18:41	
Chloroethane	ug/L	<1.4	5.0	07/21/21 18:41	
Chloroform	ug/L	<1.2	5.0	07/21/21 18:41	
Chloromethane	ug/L	<1.6	5.0	07/21/21 18:41	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/21/21 18:41	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	07/21/21 18:41	
Dibromochloromethane	ug/L	<2.6	5.0	07/21/21 18:41	
Dibromomethane	ug/L	<0.99	5.0	07/21/21 18:41	
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/21/21 18:41	
Diisopropyl ether	ug/L	<1.1	5.0	07/21/21 18:41	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

METHOD BLANK: 2253226 Matrix: Water
Associated Lab Samples: 40229968004, 40229968005, 40229968008, 40229968023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	07/21/21 18:41	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/21/21 18:41	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/21/21 18:41	
m&p-Xylene	ug/L	<0.70	2.0	07/21/21 18:41	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/21/21 18:41	
Methylene Chloride	ug/L	0.63J	5.0	07/21/21 18:41	
n-Butylbenzene	ug/L	<0.86	1.0	07/21/21 18:41	
n-Propylbenzene	ug/L	<0.35	1.0	07/21/21 18:41	
Naphthalene	ug/L	<1.1	5.0	07/21/21 18:41	
o-Xylene	ug/L	<0.35	1.0	07/21/21 18:41	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/21/21 18:41	
sec-Butylbenzene	ug/L	<0.42	1.0	07/21/21 18:41	
Styrene	ug/L	<0.36	1.0	07/21/21 18:41	
tert-Butylbenzene	ug/L	<0.59	1.0	07/21/21 18:41	
Tetrachloroethene	ug/L	<0.41	1.0	07/21/21 18:41	
Toluene	ug/L	<0.29	1.0	07/21/21 18:41	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/21/21 18:41	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	07/21/21 18:41	
Trichloroethene	ug/L	<0.32	1.0	07/21/21 18:41	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/21/21 18:41	
Vinyl chloride	ug/L	<0.17	1.0	07/21/21 18:41	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	07/21/21 18:41	
4-Bromofluorobenzene (S)	%	96	70-130	07/21/21 18:41	
Toluene-d8 (S)	%	100	70-130	07/21/21 18:41	

LABORATORY CONTROL SAMPLE: 2253227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.2	108	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.1	96	66-130	
1,1,2-Trichloroethane	ug/L	50	48.5	97	70-130	
1,1-Dichloroethane	ug/L	50	53.4	107	68-132	
1,1-Dichloroethene	ug/L	50	58.0	116	85-126	
1,2,4-Trichlorobenzene	ug/L	50	49.8	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.1	94	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	50.7	101	70-130	
1,2-Dichlorobenzene	ug/L	50	49.5	99	70-130	
1,2-Dichloroethane	ug/L	50	50.8	102	70-130	
1,2-Dichloropropane	ug/L	50	49.2	98	78-125	
1,3-Dichlorobenzene	ug/L	50	50.4	101	70-130	
1,4-Dichlorobenzene	ug/L	50	49.5	99	70-130	
Benzene	ug/L	50	51.8	104	70-132	
Bromodichloromethane	ug/L	50	52.5	105	70-130	
Bromoform	ug/L	50	46.5	93	65-130	

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

LABORATORY CONTROL SAMPLE: 2253227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	39.4	79	44-128	
Carbon tetrachloride	ug/L	50	56.8	114	70-130	
Chlorobenzene	ug/L	50	50.8	102	70-130	
Chloroethane	ug/L	50	50.4	101	73-137	
Chloroform	ug/L	50	52.0	104	80-122	
Chloromethane	ug/L	50	57.3	115	27-148	
cis-1,2-Dichloroethene	ug/L	50	52.1	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.5	93	70-130	
Dibromochloromethane	ug/L	50	52.5	105	70-130	
Dichlorodifluoromethane	ug/L	50	53.7	107	22-151	
Ethylbenzene	ug/L	50	52.2	104	80-123	
Isopropylbenzene (Cumene)	ug/L	50	54.9	110	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	55.9	112	66-130	
Methylene Chloride	ug/L	50	52.5	105	70-130	
o-Xylene	ug/L	50	52.3	105	70-130	
Styrene	ug/L	50	49.4	99	70-130	
Tetrachloroethene	ug/L	50	49.6	99	70-130	
Toluene	ug/L	50	50.8	102	80-121	
trans-1,2-Dichloroethene	ug/L	50	55.8	112	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.9	88	58-125	
Trichloroethene	ug/L	50	51.2	102	70-130	
Trichlorofluoromethane	ug/L	50	57.4	115	84-148	
Vinyl chloride	ug/L	50	62.5	125	63-142	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2255486 2255487

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230103002 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50	53.8	50.9	108	102	70-130	5	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	50	49.7	47.8	99	96	66-130	4	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50	47.8	46.7	96	93	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	50	53.5	51.3	107	103	68-132	4	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	50	55.7	55.5	111	111	76-132	0	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50	52.1	48.5	104	97	70-130	7	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	50	47.7	47.0	95	94	51-126	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	50	49.4	47.3	99	95	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50	49.7	49.2	99	98	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	50	51.2	49.6	102	99	70-130	3	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	50	49.6	48.0	99	96	77-125	3	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	50	48.9	48.9	98	98	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2255486		2255487		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40230103002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.5	47.3	99	95	70-130	5	20		
Benzene	ug/L	<0.30	50	50	52.2	49.8	104	100	70-132	5	20		
Bromodichloromethane	ug/L	<0.42	50	50	51.3	50.2	103	100	70-130	2	20		
Bromoform	ug/L	<3.8	50	50	46.8	44.5	94	89	65-130	5	20		
Bromomethane	ug/L	<1.2	50	50	46.3	46.8	93	94	44-128	1	21		
Carbon tetrachloride	ug/L	<0.37	50	50	55.9	55.5	112	111	70-132	1	20		
Chlorobenzene	ug/L	<0.86	50	50	50.2	48.7	100	97	70-130	3	20		
Chloroethane	ug/L	<1.4	50	50	50.2	48.3	100	97	70-137	4	20		
Chloroform	ug/L	<1.2	50	50	51.6	51.6	103	103	80-122	0	20		
Chloromethane	ug/L	<1.6	50	50	55.7	53.9	111	108	17-149	3	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.5	50.6	105	101	70-130	4	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	45.7	44.3	91	89	70-130	3	20		
Dibromochloromethane	ug/L	<2.6	50	50	50.4	49.4	101	99	70-130	2	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	52.0	50.7	104	101	22-158	3	20		
Ethylbenzene	ug/L	<0.33	50	50	52.1	49.9	104	100	80-123	4	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	54.8	52.1	110	104	70-130	5	20		
m&p-Xylene	ug/L	<0.70	100	100	103	98.1	103	98	70-130	5	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	50.5	48.6	101	97	66-130	4	20		
Methylene Chloride	ug/L	<0.32	50	50	51.6	49.2	103	98	70-130	5	20		
o-Xylene	ug/L	<0.35	50	50	50.9	49.5	102	99	70-130	3	20		
Styrene	ug/L	<0.36	50	50	47.8	46.5	96	93	70-130	3	20		
Tetrachloroethene	ug/L	<0.41	50	50	48.9	47.5	98	95	70-130	3	20		
Toluene	ug/L	<0.29	50	50	50.8	49.3	102	99	80-121	3	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	51.2	51.1	102	102	70-134	0	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	45.2	43.2	90	86	58-130	4	20		
Trichloroethene	ug/L	<0.32	50	50	51.9	49.9	104	100	70-130	4	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	56.4	55.0	113	110	82-151	3	20		
Vinyl chloride	ug/L	<0.17	50	50	62.0	58.7	124	117	61-143	5	20		
1,2-Dichlorobenzene-d4 (S)	%						97	99	70-130				
4-Bromofluorobenzene (S)	%						100	104	70-130				
Toluene-d8 (S)	%						97	99	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 58217064 SANDIES DRY CLEANER
Pace Project No.: 40229968

QC Batch:	390527	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40229968001, 40229968002, 40229968003, 40229968006, 40229968007, 40229968009, 40229968010, 40229968011, 40229968012, 40229968013, 40229968014, 40229968015, 40229968016, 40229968017, 40229968018, 40229968019, 40229968020, 40229968021

SAMPLE DUPLICATE: 2252154

Parameter	Units	40229968007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.0	18.6	9	10	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

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

H1 Analysis conducted outside the recognized method holding time.

R1 RPD value was outside control limits.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 58217064 SANDIES DRY CLEANER

Pace Project No.: 40229968

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40229968001	P-8 (1)	EPA 5035/5030B	391220	EPA 8260	391221
40229968002	P-8 (5)	EPA 5035/5030B	391320	EPA 8260	391328
40229968003	P-8 (24)	EPA 5035/5030B	391320	EPA 8260	391328
40229968006	P-2 (1)	EPA 5035/5030B	391320	EPA 8260	391328
40229968007	P-2 (6)	EPA 5035/5030B	391320	EPA 8260	391328
40229968009	P-4 (1)	EPA 5035/5030B	391320	EPA 8260	391328
40229968010	P-4 (5)	EPA 5035/5030B	391320	EPA 8260	391328
40229968011	P-3 (1)	EPA 5035/5030B	391320	EPA 8260	391328
40229968012	P-3 (6)	EPA 5035/5030B	391320	EPA 8260	391328
40229968013	P-1 (1)	EPA 5035/5030B	391320	EPA 8260	391328
40229968014	P-1 (4)	EPA 5035/5030B	391320	EPA 8260	391328
40229968015	P-6 (1)	EPA 5035/5030B	391320	EPA 8260	391328
40229968016	P-6 (5)	EPA 5035/5030B	391320	EPA 8260	391328
40229968017	P-7 (1)	EPA 5035/5030B	391320	EPA 8260	391328
40229968018	P-7 (4)	EPA 5035/5030B	391320	EPA 8260	391328
40229968019	P-5 (2)	EPA 5035/5030B	391320	EPA 8260	391328
40229968020	P-5 (4)	EPA 5035/5030B	391320	EPA 8260	391328
40229968021	P-5 (10)	EPA 5035/5030B	391320	EPA 8260	391328
40229968022	MEOH-TB	EPA 5035/5030B	391320	EPA 8260	391328
40229968004	P-8	EPA 8260	390656		
40229968005	P-8 (19-24)	EPA 8260	390656		
40229968008	P-2	EPA 8260	390656		
40229968023	HCL-TB	EPA 8260	390656		
40229968001	P-8 (1)	ASTM D2974-87	390527		
40229968002	P-8 (5)	ASTM D2974-87	390527		
40229968003	P-8 (24)	ASTM D2974-87	390527		
40229968006	P-2 (1)	ASTM D2974-87	390527		
40229968007	P-2 (6)	ASTM D2974-87	390527		
40229968009	P-4 (1)	ASTM D2974-87	390527		
40229968010	P-4 (5)	ASTM D2974-87	390527		
40229968011	P-3 (1)	ASTM D2974-87	390527		
40229968012	P-3 (6)	ASTM D2974-87	390527		
40229968013	P-1 (1)	ASTM D2974-87	390527		
40229968014	P-1 (4)	ASTM D2974-87	390527		
40229968015	P-6 (1)	ASTM D2974-87	390527		
40229968016	P-6 (5)	ASTM D2974-87	390527		
40229968017	P-7 (1)	ASTM D2974-87	390527		
40229968018	P-7 (4)	ASTM D2974-87	390527		
40229968019	P-5 (2)	ASTM D2974-87	390527		
40229968020	P-5 (4)	ASTM D2974-87	390527		
40229968021	P-5 (10)	ASTM D2974-87	390527		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

UPPER MIDWEST REGION

Page 1 of 2

MN: 612-607-1700 WI: 920-469-2436



40229968

Company Name: Testac
 Branch/Location: Milwaukee
 Project Contact: Scott Hodgson
 Phone: _____
 Project Number: 58217064
 Project Name: Sandies Dry Cleaner
 Project State: WI
 Sampled By (Print): Ryan Johnson
 Sampled By (Sign): _____
 PO #: _____ Regulatory Program: _____

CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)
PRESERVATION (CODE)*

Y/N	Pick Letter	Analyses Requested
N	B	VOCs

Quote #: _____
 Mail To Contact: Scott Hodgson
 Mail To Company: Testac
 Mail To Address: 58217064
 Invoice To Contact: _____
 Invoice To Company: STANT
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____ LAB COMMENTS (Lab Use Only): _____ Profile #: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	DATE	TIME
		DATE	TIME			
001	P-8 (1)	7/13/12	1110	S		
002	P-8 (5)		1115	L		
003	P-8 (24)		1220	L		
004	P-8		1140	6w		
005	P-8 (19-24)		1440	L		
006	P-2 (1)		1350	S		
007	P-2 (6)		1355	S		
008	P-2		1715	6w		
009	P-4 (1)		1415	S		
010	P-4 (5)		1420	L		
011	P-3 (1)		1430	L		
012	P-3 (6)		1440	L		
013	P-1 (1)		1530	L		

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: 5-24

Transmit Prelim Rush Results by (complete what you want): _____

Relinquished By: _____ Date/Time: 7/14/12 800
 Relinquished By: E. Prokopenko Date/Time: 7/15/12 0915
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____
 Received By: Susan Kelly Date/Time: 7/15/12/0915
 Received By: Pau Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 40229968
 Receipt Temp = 3 °C
 Sample Receipt pH
 OK / Adjusted
 Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

(Please Print Clearly)

UPPER MIDWEST REGION

Page ² of 2

MN: 612-607-1700 WI: 920-469-2436

40229968



CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Company Name: _____
 Branch/Location: _____
 Project Contact: **SAME**
 Phone: _____
 Project Number: **45**
 Project Name: _____
 Project State: **page 1**
 Sampled By (Print): _____
 Sampled By (Sign): _____

Regulatory Program: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
014	mp-1(5) p-1(4)	7/13/21	1540	S	N	B	NOGS
015	mp-6(4) p-6(1)		1630				
016	p-6 (5)		1640				
017	p-7 (1)		1645				
018	p-7 (4)		1650				
019	p-5 (2)		1700				
020	p-5 (4)		1705				
021	p-5 (10)		1730				
022	MEOH-TB		-				
023	HCl-TB		-	60			

Quote #: _____
 Mail To Contact: _____
 Mail To Company: **SAME**
 Mail To Address: **45**
 Invoice To Contact: _____
 Invoice To Company: **page 1**
 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-day	Relinquished By: _____ Date/Time: 7/14/21 800	Received By: _____ Date/Time: _____
Transmit Prelim Rush Results by (complete what you want): _____	Relinquished By: Gregory Date/Time: 7/15/21 0915	Received By: Susan Kelly Date/Time: 7/15/21 0915
Email #1: _____	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Email #2: _____	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Telephone: _____	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Fax: _____	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____

PACE Project No. **40229968**
 Receipt Temp = **3** °C
 Sample Receipt pH
 OK / Adjusted
 Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

Sample Preservation Receipt Form

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

Client Name: Terracon

Project # 40229968

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

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

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

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN		
001																																			2.5 / 5 / 10
002																																			2.5 / 5 / 10
003																																			2.5 / 5 / 10
004																	3																		2.5 / 5 / 10
005																3																			2.5 / 5 / 10
006																	1																		2.5 / 5 / 10
007																	1																		2.5 / 5 / 10
008																	3																		2.5 / 5 / 10
009																	1																		2.5 / 5 / 10
010																	1																		2.5 / 5 / 10
011																	1																		2.5 / 5 / 10
012																	1																		2.5 / 5 / 10
013																	1																		2.5 / 5 / 10
014																	1																		2.5 / 5 / 10
015																	1																		2.5 / 5 / 10
016																	1																		2.5 / 5 / 10
017																	1																		2.5 / 5 / 10
018																	1																		2.5 / 5 / 10
019																	1																		2.5 / 5 / 10
020																	1																		2.5 / 5 / 10

Exceptions to preservation check: VOA Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	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			


Sample Preservation Receipt Form

Client Name: Terracm

Project #: 40229968

Pace Lab #	Glass						Plastic					Vials				Jars			General			VOA Vials (>6mm) *	H ₂ SO ₄ pH ≤2	NaOH+Zn Act. pH ≥9	NaOH pH ≥12	HNO ₃ pH ≤2	pH after adjusted	Volume (mL)		
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U								WGFU	WPFU
021																	-													2.5 / 5 / 10
022																	-													2.5 / 5 / 10
023																	2													2.5 / 5 / 10
																														2.5 / 5 / 10
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																														2.5 / 5 / 10
																														2.5 / 5 / 10

Handwritten notes and signature: 7/15/20 SW

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

Sample Condition Upon Receipt Form (SCUR)

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

Project #: _____

WO# : 40229968



40229968

Tracking #: _____
Custody Seal on Cooler/Box Present: Yes no **Seals intact:** Yes no
Custody Seal on Samples Present: yes no **Seals intact:** yes no
Packing Material: Bubble Wrap Bubble Bags None Other
Thermometer Used SR - 105 **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature Uncorr: 3.5 / Corr: 3
Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no

Person examining contents:	
Date: <u>7/15/21</u>	Initials: <u>SKW</u>
Labeled By Initials: _____	

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>PK#</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. <u>013</u>
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>D18 - WPFU time 1330.</u>
-Includes date/time/ID/Analysis	Matrix: <u>SKW</u>	<u>7/15/21 SKW</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):	_____	

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

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

August 11, 2021

Scott A. Hodgson
Terracon, Inc.
9856 S. 57th Street
Franklin, WI 53132

RE: Project: 58217064 FMR SANDIES CLEANERS
Pace Project No.: 40230292

Dear Scott Hodgson:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2021. 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: 58217064 FMR SANDIES CLEANERS

Pace Project No.: 40230292

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 58217064 FMR SANDIES CLEANERS
Pace Project No.: 40230292

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40230292001	P-6	Water	07/20/21 13:00	07/20/21 14:53

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SAMPLE ANALYTE COUNT

Project: 58217064 FMR SANDIES CLEANERS

Pace Project No.: 40230292

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40230292001	P-6	EPA 8260	SMT	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: 58217064 FMR SANDIES CLEANERS
Pace Project No.: 40230292

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40230292001	P-6					
EPA 8260	cis-1,2-Dichloroethene	3.3	ug/L	1.0	07/23/21 17:16	
EPA 8260	Tetrachloroethene	187	ug/L	1.0	07/23/21 17:16	
EPA 8260	Trichloroethene	3.9	ug/L	1.0	07/23/21 17:16	

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PROJECT NARRATIVE

Project: 58217064 FMR SANDIES CLEANERS

Pace Project No.: 40230292

Method: EPA 8260

Description: 8260 MSV

Client: Terracon, Inc. - Franklin

Date: August 11, 2021

General Information:

1 sample was 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: 58217064 FMR SANDIES CLEANERS

Pace Project No.: 40230292

Sample: P-6 **Lab ID: 40230292001** Collected: 07/20/21 13:00 Received: 07/20/21 14:53 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.30	ug/L	1.0	0.30	1		07/23/21 17:16	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/23/21 17:16	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/23/21 17:16	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/23/21 17:16	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/23/21 17:16	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/23/21 17:16	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/23/21 17:16	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/23/21 17:16	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/23/21 17:16	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/23/21 17:16	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/23/21 17:16	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/23/21 17:16	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/23/21 17:16	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/23/21 17:16	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/23/21 17:16	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/23/21 17:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/23/21 17:16	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/23/21 17:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/23/21 17:16	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/23/21 17:16	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/23/21 17:16	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/23/21 17:16	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/23/21 17:16	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/23/21 17:16	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/23/21 17:16	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/23/21 17:16	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/23/21 17:16	75-35-4	
cis-1,2-Dichloroethene	3.3	ug/L	1.0	0.47	1		07/23/21 17:16	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/23/21 17:16	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/23/21 17:16	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/23/21 17:16	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/23/21 17:16	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/23/21 17:16	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/23/21 17:16	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/23/21 17:16	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/23/21 17:16	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/23/21 17:16	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/23/21 17:16	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/23/21 17:16	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/23/21 17:16	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/23/21 17:16	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/23/21 17:16	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/23/21 17:16	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/23/21 17:16	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/23/21 17:16	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 58217064 FMR SANDIES CLEANERS

Pace Project No.: 40230292

Sample: P-6 **Lab ID: 40230292001** Collected: 07/20/21 13:00 Received: 07/20/21 14:53 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/23/21 17:16	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/23/21 17:16	79-34-5	
Tetrachloroethene	187	ug/L	1.0	0.41	1		07/23/21 17:16	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/23/21 17:16	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/23/21 17:16	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/23/21 17:16	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/23/21 17:16	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/23/21 17:16	79-00-5	
Trichloroethene	3.9	ug/L	1.0	0.32	1		07/23/21 17:16	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/23/21 17:16	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/23/21 17:16	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/23/21 17:16	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/23/21 17:16	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/23/21 17:16	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/23/21 17:16	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/23/21 17:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		07/23/21 17:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		07/23/21 17:16	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		07/23/21 17:16	2037-26-5	

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QUALITY CONTROL DATA

Project: 58217064 FMR SANDIES CLEANERS
Pace Project No.: 40230292

QC Batch: 391139 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40230292001

METHOD BLANK: 2256158 Matrix: Water
Associated Lab Samples: 40230292001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/23/21 09:07	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/23/21 09:07	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/23/21 09:07	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	07/23/21 09:07	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/23/21 09:07	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/23/21 09:07	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/23/21 09:07	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/23/21 09:07	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	07/23/21 09:07	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/23/21 09:07	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/23/21 09:07	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/23/21 09:07	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/23/21 09:07	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/23/21 09:07	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/23/21 09:07	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/23/21 09:07	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/23/21 09:07	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/23/21 09:07	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/23/21 09:07	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/23/21 09:07	
2,2-Dichloropropane	ug/L	<4.2	5.0	07/23/21 09:07	
2-Chlorotoluene	ug/L	<0.89	5.0	07/23/21 09:07	
4-Chlorotoluene	ug/L	<0.89	5.0	07/23/21 09:07	
Benzene	ug/L	<0.30	1.0	07/23/21 09:07	
Bromobenzene	ug/L	<0.36	1.0	07/23/21 09:07	
Bromochloromethane	ug/L	<0.36	5.0	07/23/21 09:07	
Bromodichloromethane	ug/L	<0.42	1.0	07/23/21 09:07	
Bromoform	ug/L	<3.8	5.0	07/23/21 09:07	
Bromomethane	ug/L	<1.2	5.0	07/23/21 09:07	
Carbon tetrachloride	ug/L	<0.37	1.0	07/23/21 09:07	
Chlorobenzene	ug/L	<0.86	1.0	07/23/21 09:07	
Chloroethane	ug/L	<1.4	5.0	07/23/21 09:07	
Chloroform	ug/L	<1.2	5.0	07/23/21 09:07	
Chloromethane	ug/L	<1.6	5.0	07/23/21 09:07	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/23/21 09:07	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	07/23/21 09:07	
Dibromochloromethane	ug/L	<2.6	5.0	07/23/21 09:07	
Dibromomethane	ug/L	<0.99	5.0	07/23/21 09:07	
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/23/21 09:07	
Diisopropyl ether	ug/L	<1.1	5.0	07/23/21 09:07	

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QUALITY CONTROL DATA

Project: 58217064 FMR SANDIES CLEANERS

Pace Project No.: 40230292

METHOD BLANK: 2256158

Matrix: Water

Associated Lab Samples: 40230292001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	07/23/21 09:07	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/23/21 09:07	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/23/21 09:07	
m&p-Xylene	ug/L	<0.70	2.0	07/23/21 09:07	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/23/21 09:07	
Methylene Chloride	ug/L	0.53J	5.0	07/23/21 09:07	
n-Butylbenzene	ug/L	<0.86	1.0	07/23/21 09:07	
n-Propylbenzene	ug/L	<0.35	1.0	07/23/21 09:07	
Naphthalene	ug/L	<1.1	5.0	07/23/21 09:07	
o-Xylene	ug/L	<0.35	1.0	07/23/21 09:07	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/23/21 09:07	
sec-Butylbenzene	ug/L	<0.42	1.0	07/23/21 09:07	
Styrene	ug/L	<0.36	1.0	07/23/21 09:07	
tert-Butylbenzene	ug/L	<0.59	1.0	07/23/21 09:07	
Tetrachloroethene	ug/L	<0.41	1.0	07/23/21 09:07	
Toluene	ug/L	<0.29	1.0	07/23/21 09:07	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/23/21 09:07	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	07/23/21 09:07	
Trichloroethene	ug/L	<0.32	1.0	07/23/21 09:07	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/23/21 09:07	
Vinyl chloride	ug/L	<0.17	1.0	07/23/21 09:07	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	07/23/21 09:07	
4-Bromofluorobenzene (S)	%	100	70-130	07/23/21 09:07	
Toluene-d8 (S)	%	98	70-130	07/23/21 09:07	

LABORATORY CONTROL SAMPLE: 2256159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.0	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.6	99	66-130	
1,1,2-Trichloroethane	ug/L	50	51.0	102	70-130	
1,1-Dichloroethane	ug/L	50	55.4	111	68-132	
1,1-Dichloroethene	ug/L	50	51.4	103	85-126	
1,2,4-Trichlorobenzene	ug/L	50	48.5	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.4	95	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	49.9	100	70-130	
1,2-Dichlorobenzene	ug/L	50	50.5	101	70-130	
1,2-Dichloroethane	ug/L	50	53.0	106	70-130	
1,2-Dichloropropane	ug/L	50	52.3	105	78-125	
1,3-Dichlorobenzene	ug/L	50	48.5	97	70-130	
1,4-Dichlorobenzene	ug/L	50	50.3	101	70-130	
Benzene	ug/L	50	52.5	105	70-132	
Bromodichloromethane	ug/L	50	51.0	102	70-130	
Bromoform	ug/L	50	44.4	89	65-130	

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QUALITY CONTROL DATA

Project: 58217064 FMR SANDIES CLEANERS
Pace Project No.: 40230292

LABORATORY CONTROL SAMPLE: 2256159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	36.1	72	44-128	
Carbon tetrachloride	ug/L	50	54.1	108	70-130	
Chlorobenzene	ug/L	50	51.6	103	70-130	
Chloroethane	ug/L	50	45.5	91	73-137	
Chloroform	ug/L	50	52.2	104	80-122	
Chloromethane	ug/L	50	57.2	114	27-148	
cis-1,2-Dichloroethene	ug/L	50	49.8	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	44.7	89	70-130	
Dibromochloromethane	ug/L	50	50.2	100	70-130	
Dichlorodifluoromethane	ug/L	50	47.1	94	22-151	
Ethylbenzene	ug/L	50	52.9	106	80-123	
Isopropylbenzene (Cumene)	ug/L	50	54.0	108	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	47.7	95	66-130	
Methylene Chloride	ug/L	50	49.1	98	70-130	
o-Xylene	ug/L	50	51.7	103	70-130	
Styrene	ug/L	50	50.0	100	70-130	
Tetrachloroethene	ug/L	50	49.3	99	70-130	
Toluene	ug/L	50	51.9	104	80-121	
trans-1,2-Dichloroethene	ug/L	50	52.4	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.4	87	58-125	
Trichloroethene	ug/L	50	50.6	101	70-130	
Trichlorofluoromethane	ug/L	50	48.5	97	84-148	
Vinyl chloride	ug/L	50	58.3	117	63-142	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 58217064 FMR SANDIES CLEANERS

Pace Project No.: 40230292

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: 58217064 FMR SANDIES CLEANERS
Pace Project No.: 40230292

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40230292001	P-6	EPA 8260	391139		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Terracon
 Branch/Location: Franklin WI
 Project Contact: Scott Hodgson
 Phone: 414 423 0255
 Project Number: 58217064
 Project Name: FMR Studies cleanup
 Project State: WI
 Sampled By (Print): Anthony Labrera
 Sampled By (Sign): [Signature]
 PO #: _____ Regulatory Program: _____



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

40230292

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested	COLLECTION		MATRIX
			DATE	TIME	
N	A	VOCs	7/20/21	1300	GW
B	A	PFAS (S37M)			

Quote #: _____
 Mail To Contact: _____
 Mail To Company: _____
 Mail To Address: _____
 Invoice To Contact: Scott Hodgson
 Invoice To Company: Terracon
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): _____
 Profile #: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
<u>001</u>	<u>P-6</u>	<u>7/20/21</u>	<u>1300</u>	<u>GW</u>

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: 7/20/21

Transmit Prelim Rush Results by (complete what you want):

Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/20/21 1453</u>	Received By: <u>[Signature]</u>	Date/Time: <u>7-20-21 1454</u>
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

Electronics: Email #1, Email #2, Telephone, Fax

Samples on HOLD are subject to special pricing and release of liability

PACE Project No. 40230292
 Receipt Temp = 2 °C
 Sample Receipt pH: OK / Adjusted
 Cooler Custody Seal: Present / Not Present
 Intact / Not Intact

Sample Preservation Receipt Form

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

Client Name: Terracon

Project # 40230292

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

Lab Lot# of pH paper:

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

Initial when completed:


Date/Time:

Pace Lab #	Glass							Plastic				Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act. pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)							
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU								WPFU	SP5T	ZPLC	GN			
001									Q																											2.5 / 5 / 10
002																																				2.5 / 5 / 10
003																																				2.5 / 5 / 10
004																																				2.5 / 5 / 10
005																																				2.5 / 5 / 10
006																																				2.5 / 5 / 10
007																																				2.5 / 5 / 10
008																																				2.5 / 5 / 10
009																																				2.5 / 5 / 10
010																																				2.5 / 5 / 10
011																																				2.5 / 5 / 10
012																																				2.5 / 5 / 10
013																																				2.5 / 5 / 10
014																																				2.5 / 5 / 10
015																																				2.5 / 5 / 10
016																																				2.5 / 5 / 10
017																																				2.5 / 5 / 10
018																																				2.5 / 5 / 10
019																																				2.5 / 5 / 10
020																																				2.5 / 5 / 10

7202
PLC

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column


AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	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: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

WO#: 40230292



40230292

Client Name: Terracon

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

Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - 102 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1.5 /Corr: 2

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: 7/20/21 /Initials: EL
 Labeled By Initials: WIC

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

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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



Report of Analysis

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

Project Name: 58217064 FMR SANDIES CLEANERS

Project Number: 40230292

Lot Number: **WG22022**

Date Completed: 08/09/2021

Karen Coonan

08/09/2021 11:03 PM

Approved and released by:
Project Manager II: **Karen L. Coonan**



The electronic signature above is the equivalent of a handwritten signature.
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PACE ANALYTICAL SERVICES, LLC

SC DHEC No: 32010001

NELAC No: E87653

NC DENR No: 329

NC Field Parameters No: 5639

Case Narrative Pace Analytical Services, LLC Lot Number: WG22022

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

All results listed in this report relate only to the samples that are contained within this report.

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

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

Samples WG22022-001 required centrifugation prior to extraction, due to excessive solids present in the samples. Centrifugation was performed following the PFAS Aqueous Centrifuge Protocol; samples were spiked with Surrogate (SUR; Extracted Internal Standard/EIS) and shaken vigorously before being poured into a conical bottle and centrifuged. The centrifuged aqueous sample was decanted back into the original sample bottle, off of the condensed solids remaining in the centrifuge bottle. Original sample bottle was rinsed as normal and centrifuge bottle was rinsed with 4mL of MeOH. Centrifuge bottle rinsate was added to the elution. Samples concentrated to <10mL and reconstituted to 10mL using MeOH by transfer pipet.

PACE ANALYTICAL SERVICES, LLC

Sample Summary

Pace Analytical Services, LLC

Lot Number: WG22022

Project Name: 58217064 FMR SANDIES CLEANERS

Project Number: 40230292

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	P-6	Aqueous	07/20/2021 1300	07/22/2021

(1 sample)

PACE ANALYTICAL SERVICES, LLC

Detection Summary

Pace Analytical Services, LLC

Lot Number: WG22022

Project Name: 58217064 FMR SANDIES CLEANERS

Project Number: 40230292

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	P-6	Aqueous	6:2 FTS	PFAS by ID	2.2	J	ng/L	5
001	P-6	Aqueous	EtFOSAA	PFAS by ID	0.72	J	ng/L	5
001	P-6	Aqueous	PFBS	PFAS by ID	5.3		ng/L	5
001	P-6	Aqueous	PFHpS	PFAS by ID	4.1		ng/L	5
001	P-6	Aqueous	PFPeS	PFAS by ID	2.6	J	ng/L	5
001	P-6	Aqueous	PFHxS	PFAS by ID	18		ng/L	5
001	P-6	Aqueous	PFBA	PFAS by ID	19		ng/L	5
001	P-6	Aqueous	PFHpA	PFAS by ID	22		ng/L	5
001	P-6	Aqueous	PFHxA	PFAS by ID	34		ng/L	5
001	P-6	Aqueous	PFNA	PFAS by ID	6.4		ng/L	5
001	P-6	Aqueous	PFOA	PFAS by ID	66		ng/L	6
001	P-6	Aqueous	PFPeA	PFAS by ID	36		ng/L	6
001	P-6	Aqueous	PFOS	PFAS by ID	130		ng/L	6

(13 detections)

PFAS by LC/MS/MS

Client: Pace Analytical Services, LLC	Laboratory ID: WG22022-001
Description: P-6	Matrix: Aqueous
Date Sampled: 07/20/2021 1300	Project Name: 58217064 FMR SANDIES
Date Received: 07/22/2021	Project Number: 40230292

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SOP SPE	PFAS by ID SOP	1	08/06/2021 1947	JJG	07/28/2021 1145	10285

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	MDL	Units	Run
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS)	756426-58-1	PFAS by ID SOP	ND		7.6	0.46	ng/L	1
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3...)	763051-92-9	PFAS by ID SOP	ND		7.6	0.63	ng/L	1
1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS)	39108-34-4	PFAS by ID SOP	ND		7.6	1.5	ng/L	1
1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS)	27619-97-2	PFAS by ID SOP	2.2	J	7.6	1.9	ng/L	1
1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS)	757124-72-4	PFAS by ID SOP	ND		7.6	0.83	ng/L	1
Hexafluoropropylene oxide dimer acid (GenX)	13252-13-6	PFAS by ID SOP	ND		7.6	2.0	ng/L	1
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	PFAS by ID SOP	ND		7.6	0.46	ng/L	1
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	PFAS by ID SOP	ND		7.6	1.3	ng/L	1
N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA)	2991-50-6	PFAS by ID SOP	0.72	J	7.6	0.72	ng/L	1
2-N-ethylperfluoro-1-octanesulfonamido-ethanol (EtFOSE)	1691-99-2	PFAS by ID SOP	ND		7.6	0.91	ng/L	1
N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	PFAS by ID SOP	ND		15	1.2	ng/L	1
N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	2355-31-9	PFAS by ID SOP	ND		7.6	0.89	ng/L	1
2-N-methylperfluoro-1-octanesulfonamido-ethanol (MeFOSE)	24448-09-7	PFAS by ID SOP	ND		7.6	1.2	ng/L	1
Perfluoro-1-butanefluoronic acid (PFBS)	375-73-5	PFAS by ID SOP	5.3		3.8	0.40	ng/L	1
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	PFAS by ID SOP	ND		3.8	0.74	ng/L	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	PFAS by ID SOP	4.1		3.8	0.48	ng/L	1
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	PFAS by ID SOP	ND		3.8	0.68	ng/L	1
Perfluoro-1-octanesulfonamide (PFOSA)	754-91-6	PFAS by ID SOP	ND		3.8	0.58	ng/L	1
Perfluoro-1-pentanesulfonic acid (PFPeS)	2706-91-4	PFAS by ID SOP	2.6	J	3.8	0.57	ng/L	1
Perfluorododecanesulfonic acid (PFDOS)	79780-39-5	PFAS by ID SOP	ND		7.6	1.0	ng/L	1
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	PFAS by ID SOP	18		3.8	0.53	ng/L	1
Perfluoro-n-butanoic acid (PFBA)	375-22-4	PFAS by ID SOP	19		3.8	0.57	ng/L	1
Perfluoro-n-decanoic acid (PFDA)	335-76-2	PFAS by ID SOP	ND		3.8	0.50	ng/L	1
Perfluoro-n-dodecanoic acid (PFDoA)	307-55-1	PFAS by ID SOP	ND		3.8	0.45	ng/L	1
Perfluoro-n-heptanoic acid (PFHpA)	375-85-9	PFAS by ID SOP	22		3.8	0.43	ng/L	1
Perfluoro-n-hexanoic acid (PFHxA)	307-24-4	PFAS by ID SOP	34		3.8	0.66	ng/L	1
Perfluoro-n-nonanoic acid (PFNA)	375-95-1	PFAS by ID SOP	6.4		3.8	0.44	ng/L	1
Perfluoro-n-octanoic acid (PFOA)	335-67-1	PFAS by ID SOP	66		3.8	0.79	ng/L	1
Perfluoro-n-pentanoic acid (PFPeA)	2706-90-3	PFAS by ID SOP	36		3.8	0.52	ng/L	1
Perfluoro-n-tetradecanoic acid (PFTeDA)	376-06-7	PFAS by ID SOP	ND		3.8	0.57	ng/L	1
Perfluoro-n-tridecanoic acid (PFTrDA)	72629-94-8	PFAS by ID SOP	ND		3.8	0.50	ng/L	1
Perfluoro-n-undecanoic acid (PFUDA)	2058-94-8	PFAS by ID SOP	ND		3.8	0.60	ng/L	1
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	PFAS by ID SOP	130		3.8	1.9	ng/L	1

Surrogate	Run 1 Q	Acceptance % Recovery	Limits
13C2_4:2FTS	98	25-150	
13C2_6:2FTS	104	25-150	
13C2_8:2FTS	93	25-150	
13C2_PFDaA	73	25-150	
13C2_PFTeDA	61	25-150	
13C3_PFBs	71	25-150	
13C3_PFHxS	78	25-150	
13C3-HFPO-DA	87	25-150	
13C4_PFBa	82	25-150	

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

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

PFAS by LC/MS/MS

Client: Pace Analytical Services, LLC	Laboratory ID: WG22022-001
Description: P-6	Matrix: Aqueous
Date Sampled: 07/20/2021 1300	Project Name: 58217064 FMR SANDIES
Date Received: 07/22/2021	Project Number: 40230292

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
13C4_PFHpA		82	25-150
13C5_PFHxA		82	25-150
13C5_PFPeA		87	25-150
13C6_PFDA		87	25-150
13C7_PFUdA		78	25-150
13C8_PFOA		82	25-150
13C8_PFOS		79	25-150
13C8_PFOSA		82	10-150
13C9_PFNA		79	25-150
d-EtFOSA		56	10-150
d5-EtFOSAA		82	25-150
d9-EtFOSE		64	10-150
d-MeFOSA		57	10-150
d3-MeFOSAA		89	25-150
d7-MeFOSE		78	10-150

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

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

QC Summary

PFAS by LC/MS/MS - MB

Sample ID: WQ10285-001

Matrix: Aqueous

Batch: 10285

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 07/28/2021 1145

Parameter	Result	Q	Dil	LOQ	MDL	Units	Analysis Date
9CI-PF3ONS	ND		1	8.0	0.48	ng/L	08/05/2021 2352
11CI-PF3OUdS	ND		1	8.0	0.66	ng/L	08/05/2021 2352
8:2 FTS	ND		1	8.0	1.6	ng/L	08/05/2021 2352
6:2 FTS	ND		1	8.0	2.0	ng/L	08/05/2021 2352
4:2 FTS	ND		1	8.0	0.87	ng/L	08/05/2021 2352
GenX	ND		1	8.0	2.1	ng/L	08/05/2021 2352
ADONA	ND		1	8.0	0.48	ng/L	08/05/2021 2352
EtFOSA	ND		1	8.0	1.4	ng/L	08/05/2021 2352
EtFOSAA	ND		1	8.0	0.75	ng/L	08/05/2021 2352
EtFOSE	ND		1	8.0	0.95	ng/L	08/05/2021 2352
MeFOSA	ND		1	16	1.3	ng/L	08/05/2021 2352
MeFOSAA	ND		1	8.0	0.93	ng/L	08/05/2021 2352
MeFOSE	ND		1	8.0	1.3	ng/L	08/05/2021 2352
PFBS	ND		1	4.0	0.41	ng/L	08/05/2021 2352
PFDS	ND		1	4.0	0.78	ng/L	08/05/2021 2352
PFHpS	ND		1	4.0	0.50	ng/L	08/05/2021 2352
PFNS	ND		1	4.0	0.71	ng/L	08/05/2021 2352
PFOSA	ND		1	4.0	0.61	ng/L	08/05/2021 2352
PFPeS	ND		1	4.0	0.59	ng/L	08/05/2021 2352
PFDOS	ND		1	8.0	1.0	ng/L	08/05/2021 2352
PFHxS	ND		1	4.0	0.55	ng/L	08/05/2021 2352
PFBA	ND		1	4.0	0.60	ng/L	08/05/2021 2352
PFDA	ND		1	4.0	0.52	ng/L	08/05/2021 2352
PFDoA	ND		1	4.0	0.47	ng/L	08/05/2021 2352
PFHpA	ND		1	4.0	0.45	ng/L	08/05/2021 2352
PFHxA	ND		1	4.0	0.69	ng/L	08/05/2021 2352
PFNA	ND		1	4.0	0.46	ng/L	08/05/2021 2352
PFOA	ND		1	4.0	0.83	ng/L	08/05/2021 2352
PFPeA	ND		1	4.0	0.54	ng/L	08/05/2021 2352
PFTeDA	ND		1	4.0	0.60	ng/L	08/05/2021 2352
PFTTrDA	ND		1	4.0	0.53	ng/L	08/05/2021 2352
PFUdA	ND		1	4.0	0.63	ng/L	08/05/2021 2352
PFOS	ND		1	4.0	2.0	ng/L	08/05/2021 2352

Surrogate	Q	% Rec	Acceptance Limit
13C2_4:2FTS		98	25-150
13C2_6:2FTS		109	25-150
13C2_8:2FTS		100	25-150
13C2_PFDoA		87	25-150
13C2_PFTeDA		83	25-150
13C3_PFBs		80	25-150
13C3_PFHxS		86	25-150
13C3-HFPO-DA		92	25-150

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

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

PFAS by LC/MS/MS - MB

Sample ID: WQ10285-001

Matrix: Aqueous

Batch: 10285

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 07/28/2021 1145

Surrogate	Q	% Rec	Acceptance Limit
13C4_PFBAs		90	25-150
13C4_PFHpA		88	25-150
13C5_PFHxA		91	25-150
13C5_PFPeA		89	25-150
13C6_PFDA		89	25-150
13C7_PFUdA		85	25-150
13C8_PFOA		94	25-150
13C8_PFOS		90	25-150
13C8_PFOSA		94	10-150
13C9_PFNA		93	25-150
d-EtFOSA		90	10-150
d5-EtFOSAA		98	25-150
d9-EtFOSE		94	10-150
d-MeFOSA		77	10-150
d3-MeFOSAA		102	25-150
d7-MeFOSE		81	10-150

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and \geq DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

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

PFAS by LC/MS/MS - LCS

Sample ID: WQ10285-002

Matrix: Aqueous

Batch: 10285

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 07/28/2021 1145

Parameter	Spike Amount (ng/L)	Result (ng/L)	Q	Dil	% Rec	%Rec Limit	Analysis Date
9CI-PF3ONS	15	15		1	97	50-150	08/06/2021 0003
11CI-PF3OUdS	15	14		1	93	50-150	08/06/2021 0003
8:2 FTS	15	13		1	87	50-150	08/06/2021 0003
6:2 FTS	15	15		1	98	50-150	08/06/2021 0003
4:2 FTS	15	14		1	94	50-150	08/06/2021 0003
GenX	32	30		1	94	50-150	08/06/2021 0003
ADONA	15	15		1	100	50-150	08/06/2021 0003
EtFOSA	16	16		1	98	50-150	08/06/2021 0003
EtFOSAA	16	15		1	97	50-150	08/06/2021 0003
EtFOSE	16	17		1	108	50-150	08/06/2021 0003
MeFOSA	16	17		1	108	50-150	08/06/2021 0003
MeFOSAA	16	17		1	106	50-150	08/06/2021 0003
MeFOSE	16	18		1	111	50-150	08/06/2021 0003
PFBS	14	16		1	114	50-150	08/06/2021 0003
PFDS	15	13		1	83	50-150	08/06/2021 0003
PFHpS	15	17		1	111	50-150	08/06/2021 0003
PFNS	15	14		1	90	50-150	08/06/2021 0003
PFOSA	16	14		1	87	50-150	08/06/2021 0003
PFPeS	15	15		1	102	50-150	08/06/2021 0003
PFDOS	15	18		1	115	50-150	08/06/2021 0003
PFHxS	15	15		1	102	50-150	08/06/2021 0003
PFBA	16	16		1	102	50-150	08/06/2021 0003
PFDA	16	19		1	118	50-150	08/06/2021 0003
PFDoA	16	17		1	109	50-150	08/06/2021 0003
PFHpA	16	16		1	103	50-150	08/06/2021 0003
PFHxA	16	16		1	99	50-150	08/06/2021 0003
PFNA	16	17		1	104	50-150	08/06/2021 0003
PFOA	16	17		1	106	50-150	08/06/2021 0003
PFPeA	16	16		1	100	50-150	08/06/2021 0003
PFTeDA	16	16		1	102	50-150	08/06/2021 0003
PFTTrDA	16	16		1	100	50-150	08/06/2021 0003
PFUdA	16	14		1	90	50-150	08/06/2021 0003
PFOS	15	15		1	101	50-150	08/06/2021 0003
Surrogate	Q	% Rec	Acceptance Limit				
13C2_4:2FTS		101	25-150				
13C2_6:2FTS		97	25-150				
13C2_8:2FTS		97	25-150				
13C2_PFDoA		86	25-150				
13C2_PFTeDA		84	25-150				
13C3_PFBS		79	25-150				
13C3_PFHxS		87	25-150				
13C3-HFPO-DA		95	25-150				

LOQ = Limit of Quantitation

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J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

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+ = RPD is out of criteria

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

PFAS by LC/MS/MS - LCS

Sample ID: WQ10285-002

Matrix: Aqueous

Batch: 10285

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 07/28/2021 1145

Surrogate	Q	% Rec	Acceptance Limit
13C4_PFBAs		87	25-150
13C4_PFHpA		92	25-150
13C5_PFHxA		88	25-150
13C5_PFPeA		92	25-150
13C6_PFDA		79	25-150
13C7_PFUdA		85	25-150
13C8_PFOA		87	25-150
13C8_PFOS		92	25-150
13C8_PFOSA		94	10-150
13C9_PFNA		91	25-150
d-EtFOSA		75	10-150
d5-EtFOSAA		95	25-150
d9-EtFOSE		94	10-150
d-MeFOSA		74	10-150
d3-MeFOSAA		106	25-150
d7-MeFOSE		77	10-150

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

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

**Chain of Custody
and
Miscellaneous Documents**

Internal Transfer Chain of Custody



www.pacelabs.com

State Of Origin: WI
 Cert. Needed: Yes No

Results Requested By: 8/10/2021

Samples Pre-Logged into eCOC.

Workorder Name: 58217064 FMR SANDIES CLEANERS

Workorder: 40230292

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

Dan Milewsky
 Pace Analytical Green Bay
 1241 Bellevue Street
 Suite 9
 Green Bay, WI 54302
 Phone (920)466-2436



KLC2

Item #	Sample Type	Sample ID	Volume	Container	Preserved	Unopened	PFAS (33 caps WDMR guidance)
1	PS	7/20/2021 13:00	40230292001	Viator	2		X
2							
3							
4							
5							

Transfers	Revised By	Date/Time	Received By	Date/Time	Received on Ice	Y or N	Samples Intact	Y or N
1	<i>[Signature]</i>	7/21/21 16:05						
2								
3	UPS	7/21/21 10:05	Kempner	7/21/21 10:05				

Cooler Temperature on Receipt: 1.8 °C Custody Seal: or N Received on Ice: or N Samples Intact: or N

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

UPPER MIDWEST REGION

MIN: 612-007-1700 WI: 920-408-2436

Page 1 of 1

Quote #: 60230292



CHAIN OF CUSTODY

Sample Collection Center: F=Field P=Plant G=Lab
H=Solid Matrix Solution I=In Situ J=Other

Quote #: 60230292
Mail To Contact:
Mail To Company:
Mail To Address:
Invoice To Contact: Scott Hadley
Invoice To Company: Ferrico
Invoice To Address:

CLIENT COMMENTS
LAB COMMENTS (Lab Use Only) Profile #

Company Name: Ferrico
Branch/Location: Franklin WI
Project Contact: Scott Hadley
Phone: 414 423 0255
Project Number: 58217064
Project Name: FMR Studies class
Project State: WI
Sampled By (Print): Anthony Ferrico
Sampled By (Sign): [Signature]
PO #:

Data Package Options (selectable)
 EPA Level II
 EPA Level IV
MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
W = Water
D = Drinking Water
S = Sewage
G = Groundwater
S-W = Surface Water
W-W = Wastewater
W-P = Wastewater

REGULATORY PROGRAM
P-6
DATE: 7/29/13
TIME: 1300
MATRIX: CW

Table with columns for Date, Time, Matrix, and multiple rows for sample collection and analysis tracking.

Analysis Requested: VOCs, PAHs (S37M)
Received By: [Signature] Date/Time: 7/29/13 1453
Received By: [Signature] Date/Time: 7/30/13 1434
Received By: [Signature] Date/Time: [Blank]
Received By: [Signature] Date/Time: [Blank]
Received By: [Signature] Date/Time: [Blank]

CLIENT COMMENTS
LAB COMMENTS (Lab Use Only)
Profile #

PAGE LAB # P-6
CLIENT FIELD ID
Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval) Date Needed: 7/29/13
Transmit Prelim Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:
Samples on HOLD are subject to specific pricing and release of liability
C015a(27-Jun08)

PACE ANALYTICAL SERVICES, LLC

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 2
Green Bay, WI 54302

Client Name: Terracore Project # 1023029
Sample Preservation Receipt Form

All containers needing preservation have been checked and noted below: N/A N/A
 Lab Lot# of pH paper: _____ Lab Std #/D of preservation: (if pH adjusted): _____

Initial when completed: _____ Date/Time: _____


Face Lab #	Glass	Plastic	Viols	Jars	General	VOA Viols (>6mm)	H2SO4 pH <2	NaOH+Zn Ac pH <2	NaOH pH <12	HNO3 pH <2	pH after adjusted	Volume (mL)
001												2.5/5/10
002												2.6/6/10
003												2.6/5/10
004												2.6/6/10
005												2.5/5/10
006												2.6/6/10
007												2.5/5/10
008												2.6/6/10
009												2.6/6/10
010												2.6/6/10
011												2.5/6/10
012												2.5/5/10
013												2.5/6/10
014												2.6/8/10
015												2.5/5/10
016												2.6/6/10
017												2.5/5/10
018												2.6/5/10
019												2.6/5/10
020												2.6/5/10

RESENT

Exemptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, Wt. DRO, Phenolics, Chlor: _____ Headspace in VOA Viols (>6mm): Yes, No 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
AG1U	1 liter clear glass	BP3U	250 mL plastic unpres	D39T	40 mL amber Na Thio	JG8U	8 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG8U	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 MeCH	SP6T	120 mL plastic Na Thiosulfate
AG6U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SC4					GN	
BG3U	250 mL clear glass unpres						

PACE ANALYTICAL SERVICES, LLC

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

Sample Condition Upon Receipt Form (SCUR)

Client Name: Terracon

Courier: CS Logistics Fed Ex Speedee UPS Walto

Client Pace Other: _____

Project #:
WO# : 40230292

 40230292

Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used: SR-102 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: 1.5 100m

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

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

Person examining contents:	Date: <u>7/20/09</u> Initials: <u>EL</u>
Labeled By Initials: <u>WJC</u>	

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

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Page 2 of 2