SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

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October 20, 2014

Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2984 Shawano
P.O. Box 10448
Green Bay, Wisconsin 54307-0448

Attn: Ms. Kristin DuFresne:

RE: Shannon & Wilson Project No. 42-1-37409
WDNR BRRTS No. 02-36-544383
Annual Report for the First Year of Soil and Groundwater Remediation
United Laundries and Dry Cleaners, Inc. 623 Reed Avenue, Manitowoc, Wisconsin

Dear Ms. DuFresne:

Shannon & Wilson prepared this Annual Report to document monitoring results completed for soil and groundwater remediation at the United Laundries and Dry Cleaners, Inc. (United) facility. Site activities were completed in accordance with Shannon & Wilson's *Work Plan for Soil and Groundwater Remediation* dated October 14, 2013, which includes the following tasks:

- Collection of quarterly effluent air samples for the soil vapor extraction (SVE) system;
- Collection of sub-floor vapor probe samples before and after start-up of the SVE system;
- Collection of quarterly groundwater sample results, and
- Preparation of this construction documentation report;

Based on monitoring results presented in this report, Shannon & Wilson recommends one additional year of quarterly groundwater monitoring, operation of the soil vapor extraction system through December 2014, and additional soil gas sample collection after the SVE system is shut down. Additional monitoring results will be summarized in a status report and submitted to WDNR in March or April 2015. The status report may include recommendations to re-start the SVE system and collect quarterly effluent air samples, and the collection of confirmation samples for one of more sub-floor vapor probes if a vapor action level is exceeded. All soil gas, SVE effluent, and groundwater monitoring results will be summarized in an annual report to WDNR following collection of August 2015 groundwater samples.

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Results presented in the next annual report will include recommendations for either continued operation of the SVE system and monitoring, or case closure. If vapor action levels are exceeded at sub-floor vapor probes, case closure with likely included continued operation of one or more of the sub-floor depressurization systems as a continuing obligation. If no vapor action levels are exceeded, the blowers for the sub-floor depressurization systems will be removed and all probes will be abandoned concurrent with the abandonment of all monitoring wells.

Estimated costs for a second year of monitoring are on the attached table. As shown, estimated costs to implement recommendations included in this report are $19,208. Estimated total project costs through October 2014 are approximately $181,120. Together total project costs and second year monitoring costs will be approximately $200,900, less than the $227,737 estimated cost approved in WDNR's Work Plan Approval letter dated October 18, 2013.

If you have any questions please call me at (608) 442-5223, extension 8157.

Sincerely,

SHANNON & WILSON, INC.

Mark S. McColloch, P.G.

cc: Steve Hamann, Zenith Properties LLC

Mark S. McColloch, P.G.
Senior Associate

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Estimated Costs for Second Year (November 2014 through October 2015)
United Laundries and Dry Cleaners, Inc., 623 Reed Avenue, Manitowoc, Wisconsin

Description	Quantity	Units	Unit Cost	Shannon & Wilson Cost	Subcontractor Cost
Project Coordinator	4	Per Hour	$135	$540	
Project Management	8	Per Hour	$125	$1,000	
Admin/Accounting	9	Per Hour	$65	$585	
Report Preparation	28	Per Hour	$125	$3,500	
Field Manager (Groundwater)	40	Per Hour	$100	$4,000	
Field Manager (Soil Gas)	12	Per Hour	$100	$1,200	
Technical Illustrations	6	Per Hour	$100	$600	
Groundwater Sampling Expenses	4	Per Day	$150	$600	
Laboratory Services (Groundwater)	40	Per Sample	$65		$2,400
Laboratory Services (Vapor Probes)	10	Per Sample	$218		$2,180
Laboratory Services (Effluent Air)	1	Per Sample	$218		$218
Electric	3	Per Month	$850		$2,550
SVE System Expenses	9	Per Month	$25		$375
			Total	**$12,025**	**$7,723**
				$19,748	

ANNUAL REPORT FOR THE FIRST YEAR OF SOIL AND GROUNDWATER REMEDIATION

UNITED LAUNDRIES AND DRY CLEANERS FACILITY
623 REED AVENUE
MANITOWOC, WISCONSIN

OCTOBER 20, 2014

Prepared for:

Zenith Properties, LLC
P.O. Box 2033
Manitowoc, Wisconsin 54221-2033

By:
Shannon & Wilson, Inc.
2110 Luann Lane, Suite 101
Madison, Wisconsin 53713

42-1-37409-001

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1.0 INTRODUCTION

1.1 Site Location

The address of the United Laundries and Dry Cleaners (United) facility is 623 Reed Avenue, Manitowoc, Wisconsin, 54220. As shown on Figure 1, the site is in the southwest quarter of the southwest quarter of Section 17, Township 19 north, Range 24 east of the 7.5 minute topographic quadrangle, Manitowoc, Wisconsin.

The United facility is part of a single story building approximately 7,700 square feet in size. This building contains a coin operated laundry, a vacant dry cleaning operation, and the Blood Center of Wisconsin donation facility. The Blood Center section was previously occupied by the Wisconsin Department of Transportation Division of Motor Vehicles (DMV) Service Center. United's coin operated laundry is at the west side of the building, and the former dry cleaning operation is in the center. The Blood Center of Wisconsin occupies the east side of the building. Asphalt paved driveways and parking lots surround the perimeter of this building. The United facility building and surrounding properties are shown on Figure 2.

1.2 Site History

The following is a summary of the site history described in previous reports:

- The building has been used as a dry cleaning facility since it was constructed in 1972. The original dry cleaning business operated under the name Reed Avenue Laundry at the west side of the building in the section currently occupied by the coin operated laundry. Triple A Trailer Rental occupied the center of the building shortly after the building was constructed (contemporaneous with Reed Avenue Laundry). In 1982, United occupied the Triple A Trailer Rental space and the current coin operated laundry facility began operating in the former dry cleaning space. United currently leases the west and center sections from Zenith Properties LLC, the property owner.

- Tetrachloroethene (PCE) contamination was initially identified at the adjacent Parkview Haven property in 2006. The report of the investigation (Terracon, March 2006) described the results of analyses from two borings at the Parkview property and monitoring well MW-1 installed at the parking lot between the United and Parkview properties. A subsequent scoping investigation performed by United in 2007 (NewFields, 2007) included installing two water table observation wells (MW-2 and MW-3) and collecting one round of groundwater samples from the three wells (including existing monitoring

well MW-1) for volatile organic compound (VOC) analysis. Results verified a PCE release from the former dry cleaning operation.

- Several phases of investigation were subsequently completed by Zenith Properties LLC between 2010 and 2012 to identify the lateral extent of subsurface contamination. The lateral extent of PCE in soil was identified following soil sample collection between September 2010 and April 2011. Wells MW-4 and MW-5 were installed in September 2010 to further evaluate groundwater flow conditions and on-site PCE concentrations. The lateral extent of on-site PCE contamination was identified following groundwater sample collection from on-site borings GP-1 through GP-12 in April 2011. Off-site PCE groundwater contamination was identified at adjacent parcels to the east following groundwater sample collection from borings GP-13 through GP-30 in July 2011, and off-site down gradient wells MW-6 and MW-7 installed in December 2011. The lateral extent of off-site groundwater contamination to the east was subsequently identified following groundwater sample collection from borings GP-31 through GP-34 in March 2012.

- In addition to soil and groundwater, the vapor intrusion pathway was evaluated for on-site and nearby off-site buildings. The initial vapor intrusion investigation was performed in April 2011. Permanent sub-slab vapor probes VP-1 through VP-4 were installed at the United Laundries and Piggly Wiggly buildings; these buildings are adjacent to the soil plume identified during the September 2010 investigation. April 2011 sub-floor samples were compared to Regional Screening Levels (RSLs) for volatile contaminants (U.S. EPA, 2010). PCE was detected at concentrations above the USEPA RSLs. In response to these exceedances, two sub-slab depressurization systems (SSDS) were installed at United Laundries, and a third SSDS was installed at the adjacent Piggly Wiggly building in December 2011.

- Testing performed in January 2012 indicates that depressurization is occurring near each suction point. Additional samples were collected from sub-floor probes in March 2012 three months after the sub-floor depressurization system began operating. Declining PCE concentrations indicated that contaminant mass was removed from beneath the buildings. Additionally, results for March and August 2012 from the former DMV section of the building indicated that vapors remained below the RSL for this non-residential commercial building (WDNR, May 2012).

- Supplemental vapor intrusion investigations were also performed in December 2011, March 2012, August 2012, and October 2012 to evaluate the vapor intrusion pathway for nearby buildings. December 2011 soil gas samples were collected from six borings (P-1

through P-6) advanced adjacent to these buildings. USEPA RSLs were exceeded at borings P-2 and P-5 advanced between the Parkview Haven apartment building and parking lot area south of the former dry cleaning facility. In March 2012, two additional borings (P-7 and P-8) were advanced adjacent to the apartment building for further evaluation. At each boring shallow soil gas samples were collected five feet below grade, along with deep samples collected approximately five feet above the water table. PCE exceeded USEPA RSLs in both deep samples, but concentrations were below USEPA RSLs for both shallow samples.

- In August 2012, soil gas and groundwater samples were collected from four additional borings (GP-35, GP-36, GP-37, and GP-38) advanced west and south of the apartment building. Shallow and deep soil gas samples were collected. These soil gas samples were collected five feet below grade, and deep soil gas samples were collected approximately five feet above the water table. Additionally, three soil gas probes (SGP-1, SGP-2, and SGP-3) were installed at the north side of the apartment building. PCE exceeded USEPA RSLs in all soil gas probe samples; concentrations were below USEPA RSLs for the remaining shallow and deep samples. Following preliminary review of these results, WDNR requested sub-floor samples from beneath the apartment building. One sub-floor probe (VP-5) was installed in the partial basement and two additional probes (VP-6 and VP-7) were installed beneath the slab on grade concrete floor at the west end. PCE exceed the RSL at VP-5 and VP-7.

- In November 2012 off-site wells MW-8 and MW-9 were installed south of the former dry cleaning facility to further characterize groundwater flow conditions beneath the apartment building. At that time, two shallow SVE wells (SVE-1 and SVE-2) were installed along the north side of the west end of the building. Several short duration pilot tests were performed to evaluate blower size and radius of influence at each SVE well. Pilot testing consisted of connecting different size blowers to SVE wells to measure the induced vacuum at the SVE well and at the nearby soil gas probes and sub-floor probes. Three radon mitigation system blowers and a portable SVE blower were tested at SVE-1 and SVE-2. A radon mitigation system blower was also connected at the apartment basement. The basement was constructed with a tile beneath the concrete floor for drainage that discharges to a sump pit. For the test, the blower was connected to the tile discharge at the sump pit, and the induced vacuum was measured at nearby sub-floor vapor probe VP-5.

- Results indicated that a radon mitigation system blower is suitable for subfloor depressurization beneath the basement. Pilot test results at the SVE wells indicated that the portable SVE blower resulted in the highest induced vacuum at the SVE wells and largest ra-

dius of influence (36 to 40 feet). A radius of influence between 24 and 30 feet was observed for the three radon mitigation blowers. Two radon mitigation blowers would likely be needed (one for each SVE well) to provide adequate subfloor depressurization for the adjacent apartment building. Alternatively, for a larger radius of influence and induced vacuum, the portable SVE blower could be connected to both SVE wells.

- An *Interim Response Work Plan Addendum and Change Order for a Sub-slab Depressurization System (SSDS) for the Parkview Haven Apartment Building* was submitted to WDNR on February 25, 2013. That Work Plan was prepared in response to a February 11, 2013 letter from WDNR following review of the Supplemental Vapor Intrusion, Off-Site Groundwater Investigation, and Vapor Mitigation System Documentation Report (dated January 24, 2013). The SSDS utilizing the existing drain tile beneath the basement floor was subsequently installed at the basement sump at the Parkview Haven Apartment building in March 2013.

Shannon & Wilson submitted a Work Plan for soil and groundwater remediation to WDNR on October 14, 2013. Additionally, Shannon & Wilson prepared a site-specific health and safety plan and coordinated site work with subcontractors. The Work Plan was prepared in accordance with Shannon & Wilson's Proposal for Soil and Groundwater Remediation dated August 12, 2013. It includes the following tasks:

- Project management;
- Limited contaminated soil excavation;
- Installation of a soil vapor extraction system (SVE);
- SVE, vapor probe, and groundwater monitoring;
- Preparation of a construction documentation report, and
- Preparation of an annual report to summarize monitoring results.

In letter dated October 18, 2013 WDNR approved the scope of work presented in the Work Plan. Remedial activities subsequently completed in accordance with the approved work plan included the excavation of contaminated soil and installation and operation of a soil vapor extraction system. Approximately 1,375 cubic yards of contaminated soil was excavated in October 2013. A lateral vent well was installed within the backfilled excavation, and two SVE wells were installed in November 2013. The SVE system began operating in December 2013. The lateral extent of excavation and the SVE system is shown on Figure 3. Soil excavation activities and SVE installation and startup activities are described in the *Construction Documentation Report for Soil and Groundwater Remediation* dated January 15, 2014.

1.3 Purpose and Scope

The purpose of this report is to present air and groundwater sample results collected to evaluate the effectiveness of remedial activities completed at the United Dry Cleaners facility. The January 2014 Construction Documentation Report included November 2013 groundwater and subfloor vapor probe samples collected prior to SVE system operation, and the first SVE effluent sample collected in December 2013. In February 2014, additional subfloor vapor probe samples were collected two months after initial SVE operation. SVE effluent and groundwater samples were also collected during February, May, and August 2014 to evaluate the effectiveness of the SVE system. Results for all samples collected in February, May, and August 2014 are presented in this report.

2.0 COMPLETED ACTIVITIES

2.1 Groundwater Sample Collection

A baseline groundwater sample round was collected from all existing monitoring wells (MW-1 through MW-9) between November 19 and 20th, 2013 The SVE system began operating in December 2013 and groundwater samples were collected during February, May and August 2014. In February, no samples were collected from wells MW-3, MW5, and MW-9; wells MW-3 and MW-5 were frozen and MW-9 was buried beneath a large stockpile snow. Samples were collected from all wells during May and August.

All groundwater samples were submitted to Pace Analytical and analyzed for VOCs by Method 8260. Per WDNR guidelines a trip blank and duplicate samples were collected and analyzed for VOCs for quality assurance / quality control. Results are summarized in Table 1 and discussed in Section 3.1. Laboratory reports for groundwater samples collected between February and August 2014 are included in Appendix A.

Prior to sample collection, groundwater elevations were measured at all site wells to calculate groundwater elevations. Depth to water measurements and groundwater elevations are summarized in Table 2. Well locations and groundwater elevation contours for August 2014 are shown on Figure 4.

2.2 Sub-floor Vapor Probe Samples

Subfloor soil gas probes were installed at the adjacent Parkview Haven Apartment building prior to collection of soil gas samples in October 2012. VP-6 and VP-7 were installed in hallways at the west end of the apartment building (constructed with a slab on grade floor). VP-5 was installed in the partial basement beneath the center of the building. Sub-floor vapor probe locations are shown on Figures 2.

Because PCE exceeded the vapor action level in October 2012 samples collected at VP-5, VP-6, and VP-7, a SSDS was installed at the Parkview Haven apartment building basement in March 2013. The SSDS was connected to the basement sump pit and utilizes an existing drain tile beneath the basement floor. Additional soil gas samples were collected at the three probes in November 2013 and February 2014 to further evaluate soil gas beneath the apartment building. November 2013 samples were collected prior to starting the SVE system, and February 2014 samples were collected two months after the system began operation. The SSDS was not operating when February samples were collected; it was shut down for several weeks in January and February due to extreme cold weather conditions. October 2012, November 2013, and February 2014 sub-floor soil gas results are summarized in Table 3. Results are discussed in Section 3.2.

All sub-floor soil gas probe samples were collected with 6-liter Summa canisters. Each canister was equipped with a laboratory-provided 45-minute flow controller and particulate filter. Vapor samples were analyzed for chlorinated VOCs (cis-1,2-dichloroethene, trans 1,2-dichloroethene, tetrachloroethene, trichloroethene, and vinyl chloride) using EPA Method TO-15 by Pace Analytical Services of Minneapolis, Minnesota. Laboratory reports for February 2014 sub-floor soil gas samples are included in Appendix B.

2.3 SVE Effluent Sample Collection

As described in the construction documentation report, the soil vapor extraction (SVE) system includes one horizontal well and two vertical wells. Both vertical SVE wells consist of four-inch diameter schedule 40 PVC wells with screens placed between 20 and 50 feet below grade. The horizontal well consists of 80-feet of slotted four-inch diameter schedule 40 PVC pipe installed within the backfilled excavation approximately five-feet below grade. This pipe was installed concurrent with placement of clean backfill material following removal of contaminated soil. A solid horizontal lateral pipe between the remedial equipment building and VE-1 was installed in the same trench approximately three feet below grade. The location of horizontal and vertical SVE wells and the VE-1 lateral pipe are shown on Figure 3.

The blower, knock out pot, and electric panel is housed in a small shed overlying VE-2. The blower is connected to SVE wells through small holes in the building floor. Effluent for the SVE system is discharged through a four-inch diameter pipe that extends several feet above the roof of the building. Effluent samples are collected inside the building from a sample port installed on the discharge pipe. The first effluent air sample for the SVE system was collected on December 11, 2013 two hours after system startup. Subsequent effluent samples were collected concurrent with quarterly groundwater sample collection during February, May, and August 2014.

To maximize the SVE system radius of influence, the SVE system was operated while connected to one SVE well at a time. In December 2013 the blower was initially connected to VE-1, and operated at that well until connected to VE-2 in May 2014. In August 2014 it was reconnected to VE-1 and remains in use. December 2013, February 2014, and May 2014 effluent samples were collected while the blower was connected to VE-1 and the lateral pipe. When the blower connection was changed from VE-1 to VE-2 in May 2014, effluent samples were collected within an hour of connecting the blower to VE-2 and the lateral pipe. When the blower was reconnected to VE-1 in August, the effluent sample was also collected within an hour of connection. Vacuum pressures at the blower, at both SVE wells, and at nearby monitoring wells were measured at the time of effluent sample collection. Vacuum pressure readings and effluent air sample results are discussed in Section 3.3 below.

All SVE effluent samples were collected with a 6-liter Summa canister and analyzed for chlorinated VOCs (cis-1,2-dichloroethene, trans 1,2-dichloroethene, tetrachloroethene, trichloroethene, and vinyl chloride) using EPA Method TO-15 by Pace Analytical Services of Minneapolis, Minnesota. Laboratory reports for February, May, and August 2014 samples are included in Appendix B.

3.0 SAMPLE RESULTS

3.1 Groundwater Sample Results

As described in the Construction Documentation report, November 2013 groundwater sample results are consistent with historic groundwater monitoring results. The primary constituent of regulatory concern is PCE. As shown in Table 1, PCE exceeded the 5 µg/l Enforcement Standard (ES) at MW-1, MW-2, MW-3, MW-5, MW-6, MW-7, and MW-8. It also exceeded the 0.5 µg/l Preventive Action Limit at MW-4 (1.1 µg/l), but was not detected at MW-9.

The highest PCE concentrations were detected at MW-1 (72.7 µg/l) and MW-2 (35.2 µg/l) near the former dry cleaning facility. PCE was detected at lower concentrations at down gradient wells MW-5 (35.1 µg/l), MW-6 (28.9 µg/l), and MW-7 (15.5 µg/l) to the east, and at side gradient wells MW-3 (8.4 µg/l) to the north and MW-8 (9.6 µg/l) to the south-southeast. PCE was not detected at MW-9. Well locations are shown on Figure 2.

PCE was also detected in groundwater samples collected during February, May, and August 2014. Although PCE exceeded the ES in these samples, concentrations declined in response to operation of the SVE system. As shown in Table 1 PCE concentrations at MW-1, MW-2, MW-3, MW-4, MW-5, and MW-8 declined as follows:

- At MW-1 PCE declined from 72.7 µg/l in November 2013 to 30.7 µg/l in February, to 27 µg/l in May, and then to 25.5 µg/l in August;
- At MW-2 PCE declined from 35.2 µg/l in November 2013 to 36.7 µg/l in February, to 15.9 µg/l in May, and then to 10.8 µg/l in August;
- At MW-3 PCE declined from 8.4 µg/l in November 2013 to 5.7 µg/l in May, and then to 4.8 µg/l in August;
- At MW-4 PCE declined from 1.1 µg/l in November 2013 to non-detect in February, to 0.96 µg/l in May, and to 0.69 µg/l in August;
- At MW-5 PCE declined from 35.1 µg/l in November 2013 to 27.4 µg/l in May, and then to 18.7 µg/l in August, and
- At MW-8 PCE declined from 9.6 µg/l in November 2013 to 8.2 µg/l in February, to 3.7 µg/l in May, and to 2.1 µg/l in August.

PCE concentration at down gradient wells MW-6 and MW-7 increased slightly between November and February before declining. As shown in Table 1 PCE concentrations at MW-6 and MW-7 declined as follows:

- At MW-6 PCE increased from 28.9 µg/l in November to 34.6 µg/l in February before declining to 24.7 µg/l in May and then to 22.7 µg/l in August, and
- At MW-7 PCE increased from 15.5 µg/l in November to 26.0 µg/l in February before declining to 10.3 µg/l in May, but then increased to 21.4 µg/l in August.

Depth to water measurements taken concurrent with groundwater samples verify that the primary direction of groundwater flow is to the east as described in previous reports. As shown in Table 2, groundwater elevations measured in November 2013 are slightly higher than elevations measured in February 2014. May and August 2014 elevations were slightly higher than elevations measured in November 2013. These measurements indicate the water table fluctuated less than one-foot in the past year. The seasonal water table low occurred in February, and the water table high occurred in August. Groundwater elevation contours for August are shown on Figure 4.

3.2 Sub-floor Vapor Sample Results

As with previous samples, the Vapor Risk Screening Levels (VRSL) for November 2013 and February 2014 soil gas samples were calculated per Wisconsin Department of Natural Resources (WDNR) guidance. The Vapor Action Levels (VAL) for PCE is used to determine the VRSL; the VAL is divided by an attenuation factor (AF) to determine the VRSL[1]. The VAL and AF used to calculate the VRSL were selected based on sample depth (i.e. sub-floor, shallow soil gas, and deep soil gas) and building size and use (i.e. commercial and residential) and are included in Table 3.

November 2013 soil gas samples collected at VP-5 and VP-7 exceeded the VRSL for PCE for residential use for residential/small commercial buildings size. PCE was detected at VP-6 at a low concentration below the VRSL. No VOCs were detected at VP-6 and VP-7 in February 2014. TCE exceeded the VRSL at VP-5 in February 2014; PCE also was detected but at a low concentration below the VRSL.

PCE concentrations at VP-5 declined from 1,310 ppbv in October 2012 to 689 ppbv in November 2013 following installation of the SSDS, and then to 1.61 ppbv in February after the SVE system operated for two months. PCE concentrations at VP-6 declined from 31 ppbv in October 2012 to 6.2 ppbv in November 2013. However, PCE concentrations at VP-7 increased from 327 ppbv in October 2012 to 619 ppbv in November 2013. PCE was not detected at VP-6 and VP-7 in February 2014.

VP-5 results indicate that the SSDS and SVE system has removed soil gas from beneath the basement, and VP-6 and VP-7 results indicate that the SVE system removed soil gas from be-

[1] *Quick Look-Up Table,* Wisconsin Department of Natural Resources, dated May 16, 2012.

neath the west end of the apartment building. As described in Section 3.3 below, vacuum pressures measured at SVE-1 and SVE-2 indicate that the west end of the apartment building lies within the radius of influence for the SVE system.

3.3 SVE Effluent Sample Results and Vacuum Pressure Measurements

Effluent samples collected while the blower was connected to VE-1 and the lateral pipe are summarized below.

VE-1 and Lateral Pipe				
Constituent	**Dec. 7, 2013**	**Feb. 15, 2014**	**May 14, 2014**	**Aug. 19, 2014**
cis-1,2-Dichloroethene	196	3.9	0.819	12.3
trans-1,2-Dichloroethene	14.1	<0.62	<0.27	<2.8
Tetrachloroethene (PCE)	62,800	518	115	255
Trichloroethene (TCE)	310	2.76	0.696	3.53
Vinyl Chloride	<13.4	<0.62	<0.13	<1.4
Total VOCs	63,320.1	524.66	116.515	270.830

Concentrations are reported in ppbv.

The effluent sample collected while the blower was connected to VE-2 and the lateral pipe are summarized below.

VE-2 and Lateral Pipe	
Constituent	**May 14, 2014**
cis-1,2-Dichloroethene	<0.27
trans-1,2-Dichloroethene	<0.27
Tetrachloroethene (PCE)	46
Trichloroethene (TCE)	0.137
Vinyl Chloride	<0.13
Total VOCs	46.137

Concentrations are reported in ppbv.

Effluent sample results indicate the SVE system is removing contaminant mass. The highest concentrations of VOCs were detected in the December 2013 sample collected shortly after the SVE system began operation at VE-1. Total VOC concentration declined from 63,320 ppbv in December 2013 to 524.66 ppbv in February 2014, and then to 116.515 ppbv in May 2014. In August, total VOC concentrations at VE-1 increased to 270.83 ppbv. Total VOCs in all VE-1 effluent samples exceeded total VOCs in the May 2014 VE-2 sample (46.137 ppv).

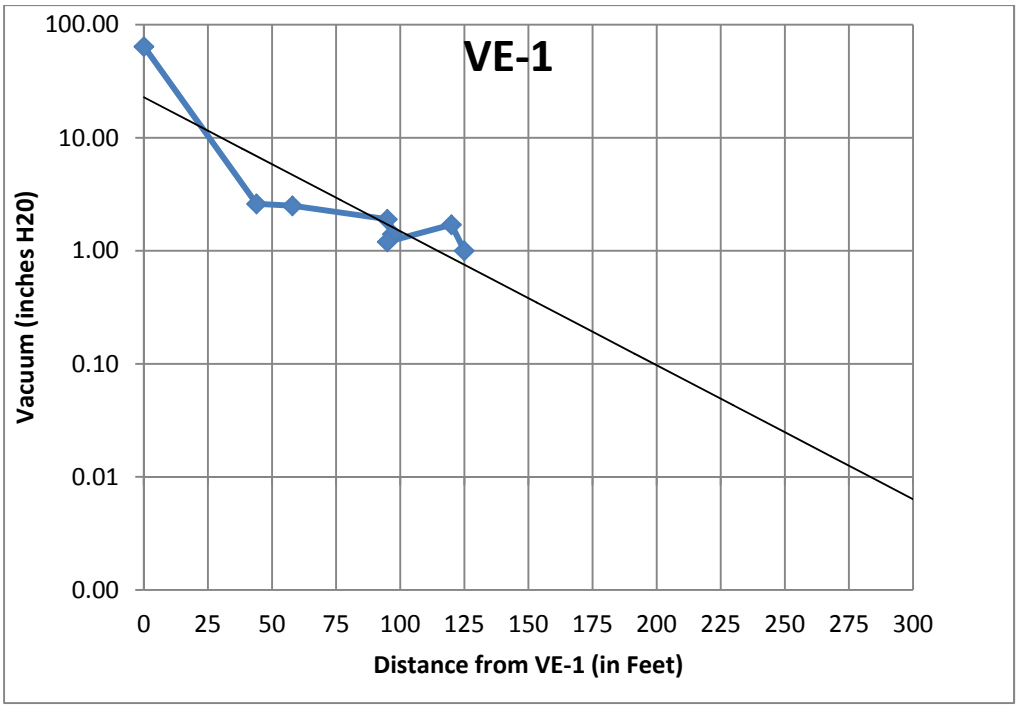
In addition to effluent sample collection the vacuum pressures at the blower and at each SVE well were measured along with the vacuum pressure at nearby wells in May 2014. These measurements are summarized below.

		Date:	May 14, 2014
		Blower Connection:	VE-1
Location	**Distance (feet)**	**Vacuum (inches H2O)**	
VE-1	0.1	64	
MW-1	44.0	2.6	
VE-2	58.0	2.5	
MW-2	95.0	1.9	
SVE-1	97.0	1.40	
SVE-2	95.0	1.20	
MW-3	120.0	1.70	
MW-5	125.0	1	

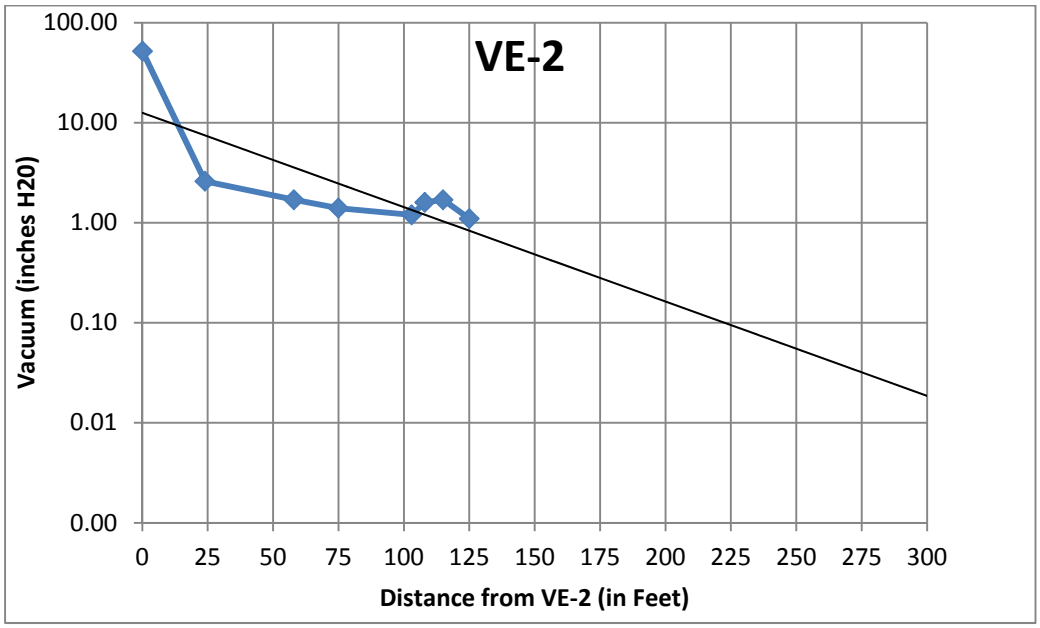
		Date:	May 14, 2014
		Blower Connection:	VE-2
Location	**Distance (feet)**	**Vacuum (inches H2O)**	
VE-2	0.1	52	
MW-1	24.0	2.6	
VE-1	58.0	1.7	
MW-5	75.0	1.4	
SVE-2	103.0	1.20	
MW-3	108.0	1.60	
MW-2	115.0	1.7	
SVE-1	125.0	1.10	

Based on the performance curve for the 60 hertz EN 909 blower provided by the manufacturer, (see Appendix E of the Construction Documentation Report), the air flow rate for the blower with a vacuum pressure of 60 inches of water is approximately 390 standard cubic feet per minute (scfm).

The radius of influence for each SVE well was estimated by plotting the horizontal distance between the SVE well and each measuring point on the x-axis, and the vacuum pressure measured at the SVE wells and at each measuring point on the y-axis. A trend-line was then fitted to a semi-log plot of the measured data for each SVE well as shown below.



Vacuum pressure measurements indicate a 200-foot radius of influence for VE-1 with an induced vacuum of 0.10 inches of water, and a 300-foot radius of influence with an induced vacuum of 0.01 inches. The entire United Laundries building and portions of the adjacent Piggly Wiggly and Parkview Haven buildings are within the radius of influence for VE-1.



Vacuum pressure measurements indicate a 225-feet radius of influence for VE-2 with an induced vacuum of 0.10 inches of water, and more than a 300-feet radius of influence for VE-2 with an induced vacuum of 0.01 inches. The entire United Laundries building and portions of the adjacent Piggly Wiggly and Parkview Haven buildings are also within the radius of influence for VE-2.

Effluent air sample results indicate that the primary constituent of concern is PCE. TCE and cis-1,2-DCE, (degradation products of PCE) were also detected at lower concentrations. Elevated VOC concentrations were detected in the initial SVE effluent air sample collected in December 2013 shortly after system startup, but then declined in subsequent samples collected in February, May, and August 2014.

Because VOC concentrations in the effluent air declined significantly between December 2013 and February 2014, more frequent effluent sample collection during the first 30 days would have provided a more accurate estimate of the contaminant mass removed. In the absence of that data, the estimated contaminant mass removed by the SVE system was calculated for this report using the following assumptions:

- The SVE system operated continuously at a flow rate of 390 scfm;
- Elevated VOCs detected in the December 2013 effluent samples declined within the first week of operation. VOC concentrations in the December 2013 sample were used to estimate the contaminated mass removed from VE-1 for the first five days;
- After the first five days, VOC concentrations detected in the February effluent sample were used to estimate the contaminant mass removed through February 15, 2014;
- VOC concentrations detected in the May effluent sample collected at VE-1 were used to estimate the contaminant mass removed at VE-1 between February 15 and May 14, 2014;
- VOC concentrations detected in the May effluent sample collected at VE-2 were used to estimate the contaminant mass removed at VE-2 between May 14 and August 19, 2014, and
- VOC concentrations detected in the August effluent sample collected at VE-1 were used to estimate the contaminant mass removed at VE-1 between August 19 and October 31, 2014.

Based on these assumptions, approximately 104 pounds of VOCs were removed between December 7, 2013 and October 31, 2014. The estimated contaminant mass removed is summarized in Table 4.

4.0 SUMMARY AND CONCLUSIONS

Contaminated soil at the United Dry Cleaner facility was removed to a maximum depth of 15-feet in October 2013. A SVE system was installed to remove VOCs from contaminated soil remaining in place beneath the building and from contaminated soil below the limits of excavation. The SVE system consists of a lateral SVE well installed concurrent with the placement of clean fill and two SVE wells (VE-1 and VE-2) also installed within the excavated area. The excavation was completed adjacent to the Piggly Wiggly and United Dry Cleaner buildings, and the lateral well installed adjacent to the buildings. The lateral SVE well consists of 80-feet of slotted 4-inch diameter PVC pipe. Both 4-inch diameter PVC SVE wells were constructed with wells screens between 20 and 50 feet below grade. SVE equipment is housed in a remediation equipment building placed at the south side of the United building. The SVE equipment system consists of a skid mounted electric motor, blower, moisture separation tanks, and control panel. The moisture collection tank (for condensate collection) is at the intake side of the blower and the exhaust is equipped with a silencer.

To evaluate the effectiveness of the contaminated soil removed and the SVE system groundwater, soil gas samples, and effluent air samples were collected. Prior to starting the SVE system a baseline round of groundwater samples were collected from all wells in November 2013. Baseline soil gas samples were also collected from subfloor vapor probes (VP-5, VP-6, and VP-7) at the adjacent Parkview Haven apartment building at that time. The initial effluent air sample was collected on December 11, 2013 two hours after starting the SVE system. Subsequent samples collected after the SVE system began operating include February 2014 soil gas probe samples and effluent air and groundwater samples in February, May, and August 2014.

November 2013 baseline groundwater sample results are consistent with historic groundwater monitoring results. PCE is the primary constituent of regulatory concern exceeding groundwater quality standards. The highest PCE concentrations were detected at MW-1 and MW-2 near the former dry cleaning facility. PCE also exceeded groundwater quality standards at down gradient wells MW-5, MW-6, and MW-7 to the east, and at side gradient wells MW-3 to the north and MW-8 to the south-southeast.

Although PCE exceeded groundwater quality standards in samples collected during February, May, and August 2014, concentrations declined in response to SVE system operation. Following removal of contaminated soil and contaminant mass removal by the SVE system, PCE concentrations in groundwater are expected to continue to decline by natural attenuation after the SVE system is shut down. Additional groundwater samples will be needed at that time to evaluate natural attenuation as a final remedial response.

October 2012 soil gas samples were collected at vapor probes VP-5, VP-6, and VP-7 prior to installing the SSDS at the apartment basement in March 2013. November 2013 samples were also collected at these vapor probes prior to SVE system startup. PCE was detected at low concentrations below the VRSL in both VP-6 samples, but exceeded the VRSL for residential/small commercial building sizes in both VP-5 and both VP-7 samples. PCE concentrations at VP-5 declined between October 2012 and November 2013, indicating that contaminant mass was removed by the SSPS. For this time period, PCE concentrations at VP-6 also declined, but increased at VP-7.

February 2014 samples were collected at vapor probes VP-5, VP-6, and VP-7 after two months of SVE system operation. PCE was detected that month at a low concentration below the VRSL at VP-5; no PCE was detected at VP-6 and VP-7. VP-5 results indicate that the SSDS and SVE system removed soil gas from beneath the basement, and VP-6 and VP-7 results indicate that the SVE system removed soil gas from beneath the west end of the apartment building. As described in Section 3.3, vacuum pressures measured at SVE-1 and SVE-2 indicate that the west end of the apartment building is within the SVE system radius of influence.

In addition to the SSDS at the Parkview Haven building, three SSDS's also operate at the Piggly Wiggly and United Dry Cleaners buildings. All four SSDS's were installed as interim systems because VRSL exceedances were measured at subfloor probes and borings installed during the site investigation Historic soil gas sample results are summarized in Table 5. Additional soil gas samples are needed at all subfloor soil gas probes (VP-1 through VP-9) and exterior soil gas probes (SGP-1 and SGP-2). These results will allow future evaluation of soil gas conditions beneath the Parkview Haven, Piggly Wiggly, and United Dry Cleaners buildings after the SVE system is shut down. If no VOCs are detected beneath these building, it may be possible to discontinue use of the SSDS's. If VOCs exceed VRSLs, one or more SSDS may need to be operated as a continuing obligation in accordance with current requirements for case closure.

Vacuum pressure measurements indicate that the entire United Laundries building and portions of the adjacent Piggly Wiggly and Parkview Haven buildings are within the radius of influence of both SVE wells. Effluent sample results indicate the SVE system continues to remove contaminant mass. Based on assumptions described in Section 3.3, an estimated 104 pounds of VOCs were removed between December 7, 2013 and October 31, 2014.

Effluent air sample results indicate that the primary constituent of concern is PCE. TCE and cis-12-DCE, (degradation products of PCE) were also detected at lower concentrations. The highest concentrations were detected in the December 2013 sample collected shortly after the SVE system startup. Total VOC concentrations declined in subsequent samples collected during February, May, and August 2014. However, the contaminant mass removal rate is expected to decline.

If soil gas remains below VRSLs at site buildings and groundwater samples continue to decline, there is minimal benefit for continued operation of the SVE system beyond one year. If VOCs in soil gas and groundwater rebound after the SVE system is shut down, the SVE system may need to be restarted and operated for several more months.

5.0 RECOMMENDATIONS

Shannon & Wilson recommends operation of the soil vapor extraction system through 2014, one additional year of quarterly groundwater monitoring, and additional soil gas sample collection, and as follows:

- The SVE system will then be shut off in late December 2014 or early January 2015. At least one more effluent air sample will be collected in November 2014 concurrent with quarterly groundwater monitoring.

- Groundwater samples will be collected quarterly during the months of November 2014 and February, May, and August 2015.

- Additional soil gas samples will be collected from all sub-floor vapor probes (VP-1 through VP-7) and both exterior soil gas probes (SGP-1 and SGP-2) in February 2015 concurrent with quarterly groundwater monitoring. These samples will be collected after the SVE system has been off for a minimum of 30 days.

- Following collection of soil gas samples in February, results will be summarized in a status report and submitted to WDNR in March or April 2015. Based on February 2015 soil gas results, the status report may include a recommendation to re-start the SVE system and collect quarterly effluent air samples. Confirmation samples may also be recommended for one of more sub-floor vapor probes if a vapor action level is exceeded.

All soil gas, SVE effluent, and groundwater monitoring results will be summarized in an annual report to WDNR following collection of August 2015 groundwater samples. Results presented in this report will include recommendations for either continued operation of the SVE system and monitoring, or case closure. If vapor action levels are exceeded at sub-floor vapor probes, case closure with likely include continued operation of one or more of the sub-floor depressurization systems as a continuing obligation. If no vapor action levels are exceeded, the blowers for the sub-floor depressurization systems will be removed and all probes will be abandoned concurrent with the abandonment of all monitoring wells.

Additional groundwater samples will be used to evaluate natural attenuation as a final remedial response. After the SVE system is shut off, a continued decline for PCE in groundwater samples will indicate a receding plume. If PCE concentrations exceed the 5 µg/l enforcement standard at off-site wells case closure will require notification for one or more property owners.

Tables

Table 1
Historic Groundwater Sample Results
United Laundries and Dry Cleaners, Inc., 623 Reed Avenue, Manitowoc, Wisconsin

Sample Date / Analyte	Units	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	PAL	ES
January 25, 2006												
Tetrachloroethene (PCE)	µg/l	**180**	--	--	--	--	--	--	--	--	0.5	5
March 19, 2010												
Tetrachloroethene (PCE)	µg/l	**120**	**41**	**17**	--	--	--	--	--	--	0.5	5
1,1,1 Trichloroethane	µg/l	<1.8	**<0.50>**	**<0.37>**	--	--	--	--	--	--	40	200
October 5, 2010												
Tetrachloroethene (PCE)	µg/l	**58.4**	**62.1**	**11.8(12.0)**	**5.2**	**41.1**	--	--	--	--	0.5	5
Trichloroethene (TCE)	µg/l	***0.67 J***	<0.48	<0.48	<0.48	<0.48	--	--	--	--	0.5	5
1,1,1 Trichloroethane	µg/l	<0.90	**1.7**	<0.90	<0.90	<0.90	--	--	--	--	40	200
April 27, 2011												
Tetrachloroethene (PCE)	µg/l	**87.4(83.1)**	**71.0**	**9.9**	***3.1***	**40.5**	--	--	--	--	0.5	5
Trichloroethene (TCE)	µg/l	***0.93 J***	<0.48	<0.48	<0.48	<0.48	--	--	--	--	0.5	5
1,1,1 Trichloroethane	µg/l	<0.90	**1.3**	<0.90	<0.90	<0.90	--	--	--	--	40	200
December 21, 2011												
Tetrachloroethene (PCE)	µg/l	--	--	--	--	--	**32.1(30.6)**	**23.9**	--	--	0.5	5
Methylene Chloride	µg/l	--	--	--	--	--	**0.46**	<0.43	--	--	0.5	5
November 14, 2012												
Tetrachloroethene (PCE)	µg/l	--	--	--	--	--	--	--	**13.6(14.2)**	<0.45	0.5	5`
November 19, 2013												
Tetrachloroethene (PCE)	µg/l	**72.7**	**35.2**	**8.4**	***1.1***	**35.1(31.5)**	**28.9**	**15.5**	**9.6**	<0.45	0.5	5
Trichloroethene (TCE)	µg/l	***0.97 J***	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	0.5	5
1,1,1 Trichloroethane	µg/l	**0.59 J**	**0.59 J**	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	40	200
February 11, 2014												
Tetrachloroethene (PCE)	µg/l	**30.7(31.5)**	**36.7**	--	<0.47	--	**34.6**	**26.0**	**8.2**	--	0.5	5
Trichloroethene (TCE)	µg/l	<0.36	<0.36	--	<0.36	--	<0.36	<0.36	<0.36	--	0.5	5
1,1,1 Trichloroethane	µg/l	<0.44	**0.55 J**	--	<0.44	--	<0.44	<0.44	<0.44	--	40	200
May 14, 2014												
Tetrachloroethene (PCE)	µg/l	**27.0(27.3)**	**15.9**	**5.7**	***0.96***	**27.4**	**24.7**	**10.3**	***3.7***	<0.45	0.5	5
August 19, 2014												
Tetrachloroethene (PCE)	µg/l	**25.5**	**10.8**	***4.8***	***0.69 J***	**18.7(17.9)**	**22.7**	**21.4**	***2.1***	<0.45	0.5	5
1,2-Dichlorobenzene	µg/l	<0.50	<0.50	<0.50	**1.1**	<0.50	<0.50	<0.50	<0.50	<0.50	60	600

PAL - Preventive Action Limit per Wisconsin Admin. Code sec. NR 141.10.
ES - Enforcement Standard per Wisconsin Admin. Code sec. NR 141.10.
< - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
Duplicate sample results are shown in parenthesis.

Concentrations exceeding the PAL are in italics.
Concentrations exceeding the ES have been shaded.

Table 2 (Page 1 of 2)
Historic Groundwater Elevations
United Laundries and Dry Cleaners, Manitowoc, Wisconsin

Well Location	Date Installed	Reference Elevation *	Ground Surface Elevation	Top of Screen Elevation	Bottom of Screen Elevation	March 13, 2007		April 1, 2007		October 4, 2010	
						Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1/26/2006	635.82	636.26	591.26	581.26	49.45	586.37	49.15	586.67	48.35	587.47
MW-2	3/13/2007	635.66	636.05	591.05	581.05	49.29	586.37	49.02	586.64	48.23	587.43
MW-3	3/12/2007	635.53	635.82	590.82	580.82	49.21	586.32	48.93	586.60	48.14	587.39
MW-4	9/20/2010	633.47	633.80	590.80	580.80	--	--	--	--	46.09	587.38
MW-5	9/22/2010	634.43	635.0	590.00	580.00	--	--	--	--	47.11	587.32

Well Location	Date Installed	Reference Elevation *	Ground Surface Elevation	Top of Screen Elevation	Bottom of Screen Elevation	April 27, 2011		December 21, 2011		March 20, 2012	
						Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1/26/2006	635.82	636.26	591.26	581.26	47.86	587.96	48.18	587.64	50.29	585.53
MW-2	3/13/2007	635.66	636.05	591.05	581.05	47.72	587.94	48.05	587.61	--	--
MW-3	3/12/2007	635.53	635.82	590.82	580.82	47.66	587.87	47.96	587.57	50.14	585.39
MW-4	9/20/2010	633.47	633.80	590.80	580.80	45.62	587.85	45.89	587.58	48.08	585.39
MW-5	9/22/2010	634.43	635.0	590.00	580.00	46.63	587.80	46.92	587.51	49.19	585.24
MW-6	12/19/2011	630.26	631.0	591.50	581.50	--	--	43.24	587.02	45.44	584.82
MW-7	12/19/2011	619.97	620.5	589.20	579.20	--	--	33.02	586.95	35.28	584.69

Table 2 (Page 2 of 2)
Historic Groundwater Elevations
United Laundries and Dry Cleaners, Manitowoc, Wisconsin

Well Location	Date Installed	Reference Elevation *	Ground Surface Elevation	Top of Screen Elevation	Bottom of Screen Elevation	August 8, 2012		November 14, 2012		December 3, 2012	
						Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1/26/2006	635.82	636.26	591.26	581.26	48.29	587.53	48.69	587.13	48.75	587.07
MW-2	3/13/2007	635.66	636.05	591.05	581.05	48.17	587.49	48.57	587.09	48.64	587.02
MW-3	3/12/2007	635.53	635.82	590.82	580.82	48.08	587.45	48.46	587.07	48.54	586.99
MW-4	9/20/2010	633.47	633.80	590.80	580.80	46.01	587.46	46.39	587.08	46.47	587.00
MW-5	9/22/2010	634.43	635.0	590.00	580.00	48.04	586.39	47.43	587.00	47.50	586.93
MW-6	12/19/2011	630.26	631.0	591.50	581.50	43.33	586.93	43.73	586.53	43.82	586.44
MW-7	12/19/2011	619.97	620.5	589.20	579.20	33.12	586.85	33.51	586.46	33.59	586.38
MW-8	11/12/2011	631.88	632.36	589.36	579.36	--	--	44.76	587.12	44.84	587.04
MW-9	11/13/2012	626.20	626.57	586.57	576.57	--	--	39.09	587.11	39.16	587.04

Well Location	Date Installed	Reference Elevation *	Ground Surface Elevation	Top of Screen Elevation	Bottom of Screen Elevation	November 19, 2013		February 11, 2013		May 14, 2014		August 19, 2014	
						Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1/26/2006	635.82	636.26	591.26	581.26	48.55	587.27	49.18	586.64	48.50	587.32	48.34	587.48
MW-2	3/13/2007	635.66	636.05	591.05	581.05	48.42	587.24	49.11	586.55	48.41	587.25	48.25	587.41
MW-3	3/12/2007	635.53	635.82	590.82	580.82	48.33	587.20	--	--	48.28	587.25	48.14	587.39
MW-4	9/20/2010	633.47	633.80	590.80	580.80	46.25	587.22	46.95	586.52	46.19	587.28	46.15	587.32
MW-5	9/22/2010	634.43	635.0	590.00	580.00	47.29	587.14	--	--	47.29	587.14	47.06	587.37
MW-6	12/19/2011	630.26	631.0	591.50	581.50	43.59	586.67	44.17	586.09	43.42	586.84	43.32	586.94
MW-7	12/19/2011	619.97	620.5	589.20	579.20	33.36	586.61	33.94	586.03	33.17	586.80	33.11	586.86
MW-8	11/12/2011	631.88	632.36	589.36	579.36	44.64	587.24	45.13	586.75	44.57	587.31	44.45	587.43
MW-9	11/13/2012	626.20	626.57	586.57	576.57	38.97	587.23	--	--	38.89	587.31	38.73	587.47

Table 3
Results for Subfloor Probes – Parkview Haven Apartment Building
United Laundries and Dry Cleaners, Inc., 623 Reed Avenue, Manitowoc, Wisconsin

			Sample Location	**VP-5**		**VP-5**	**VP-5**
			Sample Date	**Oct-12**		**Nov-13**	**Feb-14**
			Sample Depth (ft.)	**< 1.0**		**< 1.0**	**< 1.0**
Constituents	**Vapor Risk Screening Level [1]**	**Vapor Action Level [2]**	**Attenuation Factor [3]**	**sub-slab basement**		**sub-slab basement**	**sub-slab basement**
cis-1,2-Dichloroethene	--	NA	0.1	**<7**		<0.67	<0.67
trans-1,2-Dichloroethene	160	16	0.1	<7		<0.67	<0.67
Tetrachloroethene (PCE)	62	6.2	0.1	**1,310**		**689**	**1.61**
Trichloroethene (TCE)	4	0.39	0.1	<7		<0.67	**11.6**
Vinyl Chloride	16	1.6	0.1	<7		<0.67	<0.65
			Sample Location	**VP-6**		**VP-6**	**VP-6**
			Sample Date	**Oct-12**		**Nov-13**	**Feb-14**
			Sample Depth (ft.)	**< 1.0**		**< 1.0**	**< 1.0**
Constituents	**Vapor Risk Screening Level [1]**	**Vapor Action Level [2]**	**Attenuation Factor [3]**	**sub-slab hallway**		**sub-slab hallway**	**sub-slab hallway**
cis-1,2-Dichloroethene	--	NA	0.1	<0.90		<0.63	<0.67
trans-1,2-Dichloroethene	160	16	0.1	<0.90		<0.63	<0.67
Tetrachloroethene (PCE)	62	6.2	0.1	**31**		**6.2**	<0.67
Trichloroethene (TCE)	4	0.39	0.1	<0.90		<0.63	<0.68
Vinyl Chloride	16	1.6	0.1	<0.90		<0.63	<0.65
			Sample Location	**VP-7**	**Dup-1/ VP-7**	**VP-7**	**VP-7**
			Sample Date	**Oct-12**		**Nov-13**	**Feb-14**
			Sample Depth (ft.)	**< 1.0**		**< 1.0**	**< 1.0**
Constituents	**Vapor Risk Screening Level [1]**	**Vapor Action Level [2]**	**Attenuation Factor [3]**	**sub-slab hallway**		**sub-slab hallway**	**sub-slab hallway**
cis-1,2-Dichloroethene	--	NA	0.1	<7	<7	<0.67	<0.67
trans-1,2-Dichloroethene	160	16	0.1	<7	<7	<0.67	<0.67
Tetrachloroethene (PCE)	62	6.2	0.1	**327**	**319**	**619**	<0.67
Trichloroethene (TCE)	4	0.39	0.1	<7	<7	<0.67	<0.68
Vinyl Chloride	16	1.6	0.1	<7	<7	<0.67	<0.65

Notes:

1 **Vapor Risk Screening Level** (VRSL) = Vapor Action Level (VAL) ÷ Attenuation Factor (AF) per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.
2 **Vapor Action Level** (VAL) for Residential Land Use per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.
3 **Attenuation Factor** (AF) = 0.1 for sub-floor vapor for Residential/Small Commercial Buildings per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012

Concentrations exceeding the VRSL are shaded.
< Below reporting limit
All units are reported in parts per billion by volume (ppbv)
VP -Vapor Probe
DUP-1 -Field duplicate

Table 4
SVE System Contaminant Mass Removal Estimate
United Laundries and Dry Cleaners, Inc., 623 Reed Avenue, Manitowoc, Wisconsin

Soil Vapor Extraction - Effluent Sample Results					
SVE Wells	**VE-1**	**VE-1**	**VE-1**	**VE-2**	**VE-1**
Sample Date	11-Dec-13	15-Feb-14	14-May-14	14-May-14	19-Aug-14
cis-1,2-Dichloroethene	196	3.9	0.819	<0.27	12.3
trans-1,2-Dichloroethene	14.1	<0.62	<0.27	<0.27	<2.8
Tetrachloroethene	62,800	518	115	46	255
Trichloroethene	310	2.76	0.696	0.137	3.53
Vinyl Chloride	<13.4	<0.62	<0.13	<0.13	<1.4
Total VOCs	63,320.1	524.66	116.515	46.137	270.830
Soil Vapor Extraction - Pounds of VOCs Removed					
SVE Wells	**VE-1**	**VE-1**	**VE-1**	**VE-2**	**VE-1**
Sample Date	11-Dec-13	15-Feb-14	14-May-14	14-May-14	19-Aug-14
cis-1,2-Dichloroethene	0.1486	0.0361	0.0109	0.0000	0.1361
trans-1,2-Dichloroethene	0.0107				
Tetrachloroethene	81.5399	8.2054	2.6280	1.1587	4.8340
Trichloroethene	0.3186	0.0346	0.0126	0.0027	0.0530
Vinyl Chloride	0.0000	0.0000	0.0000	0.0000	0.0000
Mass Removed per Interval (lbs.)	82.02	8.28	2.65	6.18	5.02
Cumulative Mass Removed (lbs.)	82.02	90.29	92.95	99.13	104.15
Soil Vapor Extraction – Operation Summary					
Days in Operation (Total)	1.0	66.00	154.00	154.00	251.00
Cumulative Runtime (hours)	2	1,584	3,696	3,696	6,024
Interval Runtime (hours)	2	1,582	2,114	1	2,328
Flow Rate (cfm)	390	390	390	390	390
Mass Removal Days	5	61	88	97	73
From	11-Dec-13	16-Dec-13	15-Feb-14	14-May-14	19-Aug-14
To	16-Dec-13	15-Feb-14	14-May-14	19-Aug-14	31-Oct-14

Table 5 (Page 1 of 2)
Historic Vapor Intrusion Investigation Results for Soil Gas Survey and Subfloor Probes
United Laundries and Dry Cleaners, Inc., 623 Reed Avenue, Manitowoc, Wisconsin

6A - Non-Residential, Large Commercial / Industrial Building, Deep Soil Gas							
	Sample Date	**Dec-11**	**Dec-11**	**Dec-11**		**Non-residential**	**Large Commercial / Industrial Building Deep Soil**
	Sample Location	**P-4**	**P-5**	**P-6**			
	Sample Depth (ft.)	**20.5-21**	**22.5-23**	**21.5-22**			
Constituents	**Vapor Risk Screening Level [1]**	deep soil gas	deep soil gas	deep soil gas		**Vapor Action Level [2]**	**Attenuation Factor [4]**
cis-1,2-Dichloroethene		<0.63	10.8	<0.67		NA	0.001
trans-1,2-Dichloroethene	65,000	<0.63	2.7	<0.67		65	0.001
Tetrachloroethene (PCE)	27,000	**37**	**5,760**	**53.5**		27	0.001
Trichloroethene (TCE)	1,600	<0.63	**56.7**	<0.67		1.6	0.001
Vinyl Chloride	11,000	<0.63	<0.63	<0.67		11	0.001

6B- Non-Residential, Residential/Small Commercial Building, Deep Soil Gas							
	Sample Date	**Dec-11**	**Dec-11**	**Dec-11**	**Dec-11**	**Non-residential**	**Residential/Small Commercial Building Deep Soil**
	Sample Location	**P-1**	**P-2**	**P-3**	**P-3/DUP-1**		
	Sample Depth (ft.)	**21.5-22**	**22.5-23**	**20.5-21**	**20.5-21**		
Constituents	**Vapor Risk Screening Level [1]**	deep soil gas	deep soil gas	deep soil gas	deep soil gas	**Vapor Action Level [2]**	**Attenuation Factor [5]**
cis-1,2-Dichloroethene		<0.67	<0.63	<0.63	<0.67	NA	0.01
trans-1,2-Dichloroethene	6,500	<0.67	<0.63	<0.63	<0.67	65	0.01
Tetrachloroethene (PCE)	2,700	**89.9**	**9,550**	**267**	**238**	27	0.01
Trichloroethene (TCE)	160	<0.67	**39.5**	<0.63	<0.67	1.6	0.01
Vinyl Chloride	1,100	<0.67	<0.63	<0.63	<0.67	11	0.01

6C - Residential, Residential/Small Commercial Building, Deep Soil Gas												
	Sample Date	**Dec-11**	**Dec-11**	**Dec-11**	**Dec-11**	**Dec-11**	**Dec-11**	**Aug-12**	**Aug-12**	**Aug-12**	**Aug-12**	**Residential**	**Residential/Small Commercial Building Deep Soil**
	Sample Location	**P-2**	**P-3**	**P-3/DUP-1**	**P-5**	**P-7**	**P-8**	**GP-35**	**GP-36**	**GP-37**	**GP-38**		
	Sample Depth (ft.)	**22.5-23**	**20.5-21**	**20.5-21**	**22.5-23**	**39.5-40**	**39.5-40**	**38.5-39**	**36.5-37**	**37.5-38**	**36.5-37**		
Constituents	**Vapor Risk Screening Level [1]**	deep soil gas	deep soil gas	deep soil gas	deep soil gas	deep soil gas	deep soil gas	deep soil gas	deep soil gas	deep soil gas	deep soil gas	**Vapor Action Level [3]**	**Attenuation Factor [6]**
cis-1,2-Dichloroethene		<0.63	<0.63	<0.67	10.8	<0.67	<0.63	<0.72	<0.74	<0.72	<0.72	NA	0.01
trans-1,2-Dichloroethene	1,600	<0.63	<0.63	<0.67	2.7	<0.67	<0.63	<0.72	<0.74	<0.72	<0.72	16	0.01
Tetrachloroethene (PCE)	620	**9,550**	**267**	**238**	**5,760**	**7,190**	**6,370**	**218**	**1.6**	**36.4**	**5.6**	6.2	0.01
Trichloroethene (TCE)	39	**39.5**	<0.63	<0.67	**56.7**	**7**	**4.1**	**2.2**	<0.74	<0.72	<0.72	0.39	0.01
Vinyl Chloride	160	<0.63	<0.63	<0.67	<0.63	<0.67	<0.63	<0.72	<0.74	<0.72	<0.72	1.6	0.01

Notes:

VP Vapor Probe
P Soil Gas Survey boring
FD-1 Field duplicate
DUP-1 Field dupli-
All units are reported in parts per billion by volume (ppbv)
< below reporting limit

1 **Vapor Risk Screening Level** (VRSL) = Vapor Action Level (VAL) ÷ Attenuation Factor (AF) per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.

2 **Vapor Action Level** (VAL) for Non-Residential Land Use per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.

3 **Vapor Action Level** (VAL) for Residential Land Use per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.

4 **Attenuation Factor** (AF) = 0.001 for sub-floor vapor for Large Commercial / Industrial Buildings per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.

5 **Attenuation Factor** (AF) = 0.01 for deep soil gas for Residential/Small Commercial Buildings per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.

6 **Attenuation Factor** (AF) = 0.1 for sub-floor vapor for Residential/Small Commercial Buildings per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.

Table 5 (Page 2 of 2)
Historic Vapor Intrusion Investigation Results for Soil Gas Survey and Subfloor Probes
United Laundries and Dry Cleaners, Inc., 623 Reed Avenue, Manitowoc, Wisconsin

6D- Non-Residential, Residential/Small Commercial Building, Sub-slab Soil Gas

	Sample Date	Apr-11	Apr-11	Apr-11	Apr-11	Apr-11	Mar-12	Mar-12	Mar-12	Mar-12	Mar-12	Aug-12	Non-residential	Residential/Small Commercial Building Sub-floor vapor
	Sample Location	VP-1	VP-2	VP-2/FD-1	VP-3	VP-4	VP-1	VP-2	VP-2/Dup1	VP-3	VP-4	VP-1		
	Sample Depth	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
Constituents	**Vapor Risk Screening Level**	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	sub-slab	**Vapor Action Level (2)**	**Attenuation Factor (6)**
cis-1,2-Dichloroethene		<6.7	<214	<172	<13,700	<686	<13.4	<3.4	<13.4	<3.4	<0.67	<3.5	NA	0.1
trans-1,2-Dichloroethene	650	<6.7	<214	<172	<13,700	<686	<13.4	<13.4	<13.4	<3.4	<0.67	<3.5	65	0.1
Tetrachloroethene (PCE)	270	**87.7**	**1,710**	**1,270**	**763,000**	**2,700**	**184**	**318**	**268**	**70.5**	**63.8**	**140**	27	0.1
Trichloroethene (TCE)	16	<6.7	<214	<172	<13,700	<686	<13.4	<13.4	<13.4	<3.4	<0.67	<3.5	1.6	0.1
Vinyl Chloride	110	<6.7	<214	<172	<13,700	<686	<13.4	<13.4	<13.4	<3.4	<0.67	<3.5	11	0.1

6E- Residential, Residential/Small Commercial Building, Shallow Soil Gas

	Sample Date	Dec-11	Dec-11	Aug-12	Aug-12	Aug-12	Aug-12	Aug-12	Aug-12	Aug-12	Aug-12	Residential	Residential/Small Commercial Building Sub-floor vapor
	Sample Location	P-7	P-8	SGP-1	SGP-2	SGP-2/Dup1	SGP-3	GP-35	GP-36	GP-37	GP-38		
	Sample Depth	4.5-5	4.5-5	4.5-5	4.5-5	4.5-5	4.5-5	4.5-5	4.5-5	4.5-5	4.5-5		
Constituents	**Vapor Risk Screening Level**	shallow soil gas	shallow soil gas	shallow soil gas	shallow soil gas	shallow soil gas	shallow soil gas	shallow soil gas	shallow soil gas	shallow soil gas	shallow soil gas	**Vapor Action Level (3)**	**Attenuation Factor (6)**
cis-1,2-Dichloroethene		<0.63	<0.67	<13.9	<13.9	<13.9	<13.9	<0.78	<0.78	<0.72	<0.72	NA	0.1
trans-1,2-Dichloroethene	160	<0.63	<0.67	<13.9	<13.9	<13.9	<13.9	<0.78	<0.78	<0.72	<0.72	16	0.1
Tetrachloroethene (PCE)	62	**238**	**2.0**	**531**	**3,290**	**2,610**	**568**	<0.78	**2.0**	<0.72	<0.72	6.2	0.1
Trichloroethene (TCE)	4	<0.63	<0.67	<13.9	<13.9	<13.9	<13.9	<0.78	<0.78	<0.72	<0.72	0.39	0.1
Vinyl Chloride	16	<0.63	<0.67	<13.9	<13.9	<13.9	<13.9	<0.78	<0.78	<0.72	<0.72	1.6	0.1

6F- Residential, Residential/Small Commercial Building, Sub-floor Soil Gas

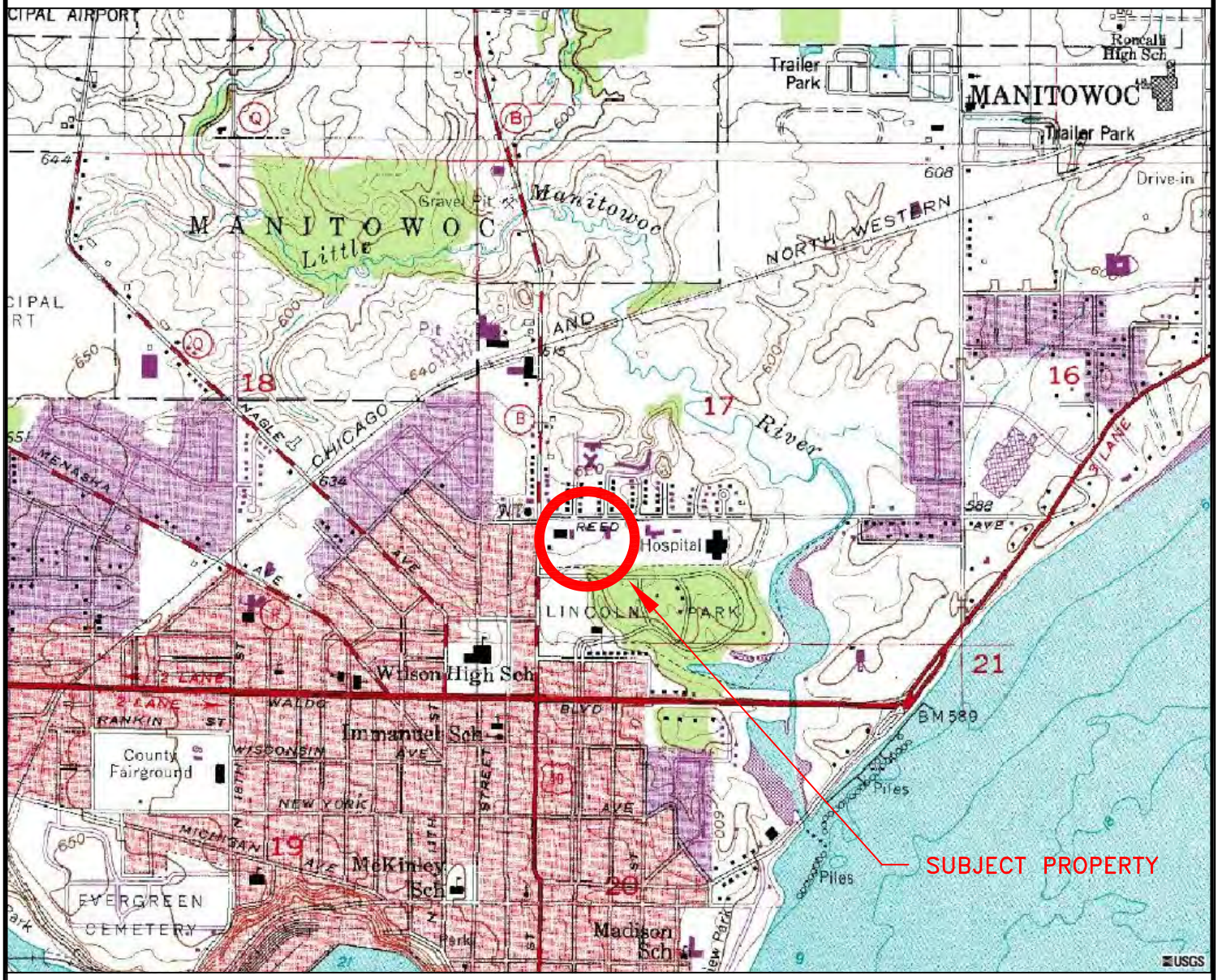
	Sample Date	Oct-12	Oct-12	Oct-12	Oct-12	Residential	Residential/Small Commercial Building Sub-floor vapor
	Sample Location	VP-5	VP-6	VP-7	Dup-1/VP-7		
	Sample Depth	< 1.0	< 1.0	< 1.0	< 1.0		
Constituents	**Vapor Risk Screening Level**	sub-slab	sub-slab	sub-slab	sub-slab	**Vapor Action Level (3)**	**Attenuation Factor (6)**
cis-1,2-Dichloroethene		<7	<0.90	<7	<7	NA	0.1
trans-1,2-Dichloroethene	160	<7	<0.90	<7	<7	16	0.1
Tetrachloroethene (PCE)	62	**1,310**	**31**	**327**	**319**	6.2	0.1
Trichloroethene (TCE)	4	<7	<0.90	<7	<7	0.39	0.1
Vinyl Chloride	16	<7	<0.90	<7	<7	1.6	0.1

Notes:

VP Vapor Probe
P Soil Gas Survey boring
FD-1 Field duplicate
DUP-1 Field duplicate
All units are reported in parts per billion by volume (ppbv)
< below reporting limit

1 **Vapor Risk Screening Level** (VRSL) = Vapor Action Level (VAL) ÷ Attenuation Factor (AF) per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.
2 **Vapor Action Level** (VAL) for Non-Residential Land Use per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.
3 **Vapor Action Level** (VAL) for Residential Land Use per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.
4 **Attenuation Factor** (AF) = 0.001 for sub-floor vapor for Large Commercial / Industrial Buildings per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.
5 **Attenuation Factor** (AF) = 0.01 for deep soil gas for Residential/Small Commercial Buildings per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.
6 **Attenuation Factor** (AF) = 0.1 for sub-floor vapor for Residential/Small Commercial Buildings per Wisconsin Department of Natural Resources Quick Look-Up Table, dated May 16, 2012.

Figures



BASE MAP SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE, MANITOWOC, WISCONSIN, DATED 1973.

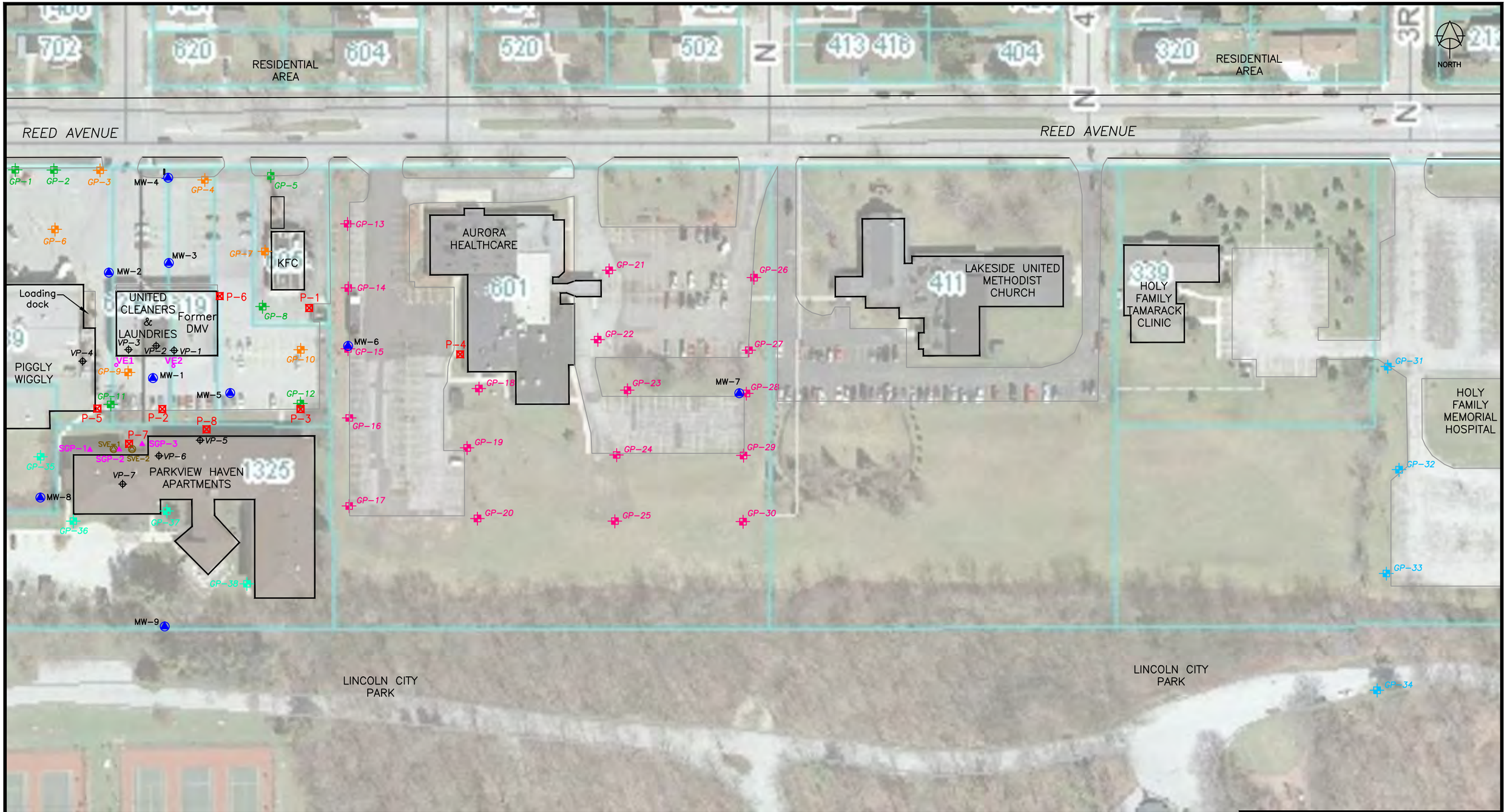
NORTH
SCALE: 1"=1600'
APPROXIMATELY

UNITED DRY CLEANERS
MANITOWOC, WISCONSIN

FIGURE 1
SITE LOCATION

DRAWN: DDZ	APPROVED: MSM
DATE December 2013	SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

C:\PROJECTS\United Dry Cleaners\CAD\Figure 1.dwg [Model]



LEGEND

- VP-1 VAPOR PROBE LOCATION (VP-1 to VP-4 APRIL 2011) (VP-5 to VP-7 OCT 2012)
- P-1 SOIL GAS SAMPLE POINT (DEC 2011, MARCH 2012)
- SGP-1 SOIL GAS PROBE (AUG 2012)
- SVE-1 SOIL VENT WELL (NOV 2012)
- VE-1 SVE EXTRACTION POINT (2013)
- GP-1 SHALLOW GROUNDWATER BORING (APRIL 2011)
- GP-3 SHALLOW/DEEP GROUNDWATER NESTED BORING (APRIL 2011)
- GP-13 SHALLOW GROUNDWATER BORING (JULY 2011)
- GP-31 SHALLOW/DEEP GROUNDWATER BORING (MARCH 2012)
- GP-35 SHALLOW GROUNDWATER/SOIL GAS BORING (AUGUST 2012)
- MW-1 MONITORING WELL

0 100 200

SCALE: 1''=100'

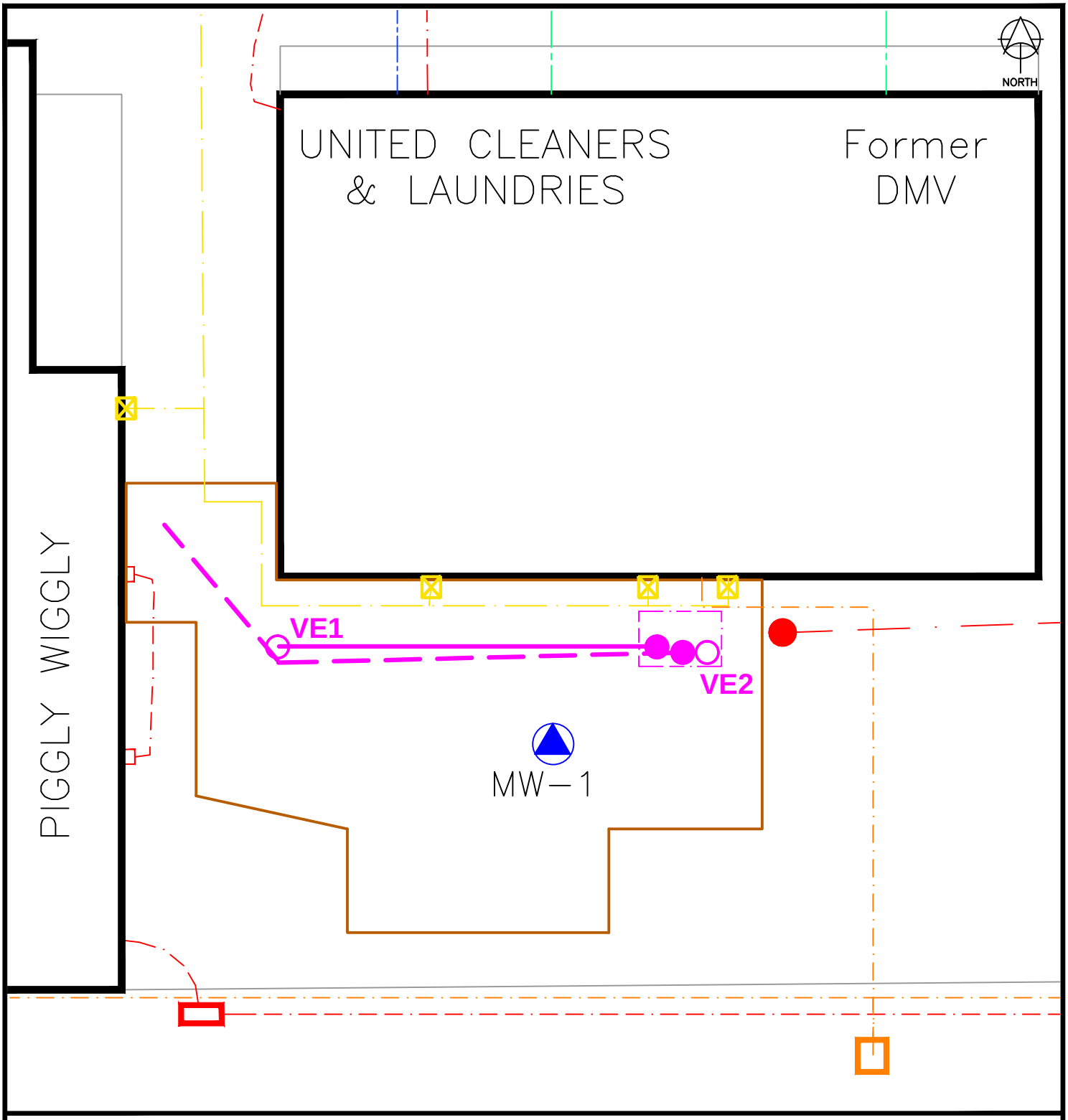
SOURCES:
TERRACON, SITE DIAGRAM FOR PARKVIEW HAVEN APARTMENTS, DATED JANUARY 9, 2006.
MANITOWOC COUNTY/CITY GIS, 2010 AERIAL PHOTOGRAPH.

UNITED DRY CLEANERS
MANITOWOC, WISCONSIN

FIGURE 2
HISTORICAL SAMPLE LOCATIONS
(GROUNDWATER & SOIL GAS/VAPOR)

C:\PROJECTS\UNITED DRY CLEANERS\CAD\UDC-Site-2014.dwg [Figure 2 - Sample Locs]

DRAWN BY: DDZ,DAN	DATE 10/3/2014
APPROVED BY: MSM	SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS



LEGEND

SVE SYSTEM
- PERFORATED 4-INCH PIPE
- SOLID 4-INCH PIPE
- EXTRACTION POINT
- ACCESS POINT
- CONTROL BUILDING
- 2013 EXCAVATION EXTENT
- MW-1 MONITORING WELL

BURIED UTILITY LINES
- WATER
- SANITARY SEWER
- NATURAL GAS
- TELEPHONE/CABLE
- ELECTRIC

OVERHEAD UTILITY LINES
- ELECTRIC WITH UTILITY POLE

SOURCES: MANITOWOC COUNTY/CITY GIS, 2010 AERIAL PHOTOGRAPH.

0 20 40

SCALE: 1" = 20'

UNITED DRY CLEANERS
MANITOWOC, WISCONSIN

FIGURE 3
SVE SYSTEM

C:\PROJECTS\UNITED DRY CLEANERS\CAD\UDC-Site-2014.dwg [Figure 3 - SVE]

DRAWN BY DDZ, DAN
DATE 12/19/2013

SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

REED AVENUE

REED AVENUE

RESIDENTIAL AREA

RESIDENTIAL AREA

NORTH

587.4

587.2

587.0

586.8

(587.32)
MW-4
0.69

(587.39)
MW-3
4.8

MW-2
10.8
(587.41)

(587.48)
MW-1
25.5

(587.37)
MW-5
18.7

(586.94)
MW-6
22.7

(586.86)
MW-7
21.4

(587.43)
MW-8
2.1

(587.47)
MW-9
<0.45

VE1

VE2

5.0 ug/L

20 ug/L

5.0 ug/L

5.0 ug/L

Loading dock

UNITED CLEANERS & LAUNDRIES

Former DMV

PIGGLY WIGGLY

KFC

AURORA HEALTHCARE

LAKESIDE UNITED METHODIST CHURCH

HOLY FAMILY TAMARACK CLINIC

HOLY FAMILY MEMORIAL HOSPITAL

PARKVIEW HAVEN APARTMENTS

LINCOLN CITY PARK

LINCOLN CITY PARK

LEGEND

- MW-1 — MONITORING WELL
- 87.4 — PCE CONCENTRATION (ug/L)*
- 5.0 — PCE GROUNDWATER ISOCONTOUR (ug/L)* DASHED WHERE INFERRED
- GROUNDWATER ELEVATION CONTOUR (FT)*
- VE-1 — SVE EXTRACTION POINT (2013)

NOTES:

* DATA FROM AUGUST 19, 2014

0 100 200

SCALE: 1''=100'

SOURCES:
TERRACON, SITE DIAGRAM FOR PARKVIEW HAVEN APARTMENTS, DATED JANUARY 9, 2006.
MANITOWOC COUNTY/CITY GIS, 2010 AERIAL PHOTOGRAPH.

UNITED DRY CLEANERS
MANITOWOC, WISCONSIN

FIGURE 4
SITE MAP WITH GROUNDWATER ELEVATIONS & PCE (AUGUST 2014)

C:\PROJECTS\UNITED DRY CLEANERS\CAD\UDC-Site-2014.dwg [Figure 4 - GW]

DRAWN BY: DDZ,DAN	DATE 10/3/2014
APPROVED BY: MSM	SHANNON & WILSON, INC.

Appendix A

Laboratory Reports
February, May, and August 2014
Groundwater Samples

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

February 17, 2014

Mark McColloch
SHANNON & WILSON, INC.
2110 Luann Lane
Suite 101
Madison, WI 53713

RE: Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Dear Mark McColloch:
Enclosed are the analytical results for sample(s) received by the laboratory on February 11, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4092004001	**MW-1**	Water	02/11/14 15:20	02/11/14 16:47
4092004002	**MW-2**	Water	02/11/14 14:00	02/11/14 16:47
4092004003	**MW-4**	Water	02/11/14 13:50	02/11/14 16:47
4092004004	**MW-6**	Water	02/11/14 12:05	02/11/14 16:47
4092004005	**MW-7**	Water	02/11/14 11:55	02/11/14 16:47
4092004006	**MW-8**	Water	02/11/14 11:10	02/11/14 16:47
4092004007	**DUP #1**	Water	02/11/14 00:00	02/11/14 16:47
4092004008	**TRIP BLANK**	Water	02/11/14 00:00	02/11/14 16:47

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4092004001	**MW-1**	EPA 8260	LAP	64
4092004002	**MW-2**	EPA 8260	LAP	64
4092004003	**MW-4**	EPA 8260	LAP	64
4092004004	**MW-6**	EPA 8260	LAP	64
4092004005	**MW-7**	EPA 8260	LAP	64
4092004006	**MW-8**	EPA 8260	LAP	64
4092004007	**DUP #1**	EPA 8260	LAP	64
4092004008	**TRIP BLANK**	EPA 8260	LAP	64

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

SUMMARY OF DETECTION

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
4092004001	**MW-1**					
EPA 8260	Tetrachloroethene	30.7	ug/L	1.0	02/14/14 13:55	
4092004002	**MW-2**					
EPA 8260	1,1,1-Trichloroethane	0.55J	ug/L	1.0	02/14/14 14:17	
EPA 8260	Tetrachloroethene	36.7	ug/L	1.0	02/14/14 14:17	
4092004004	**MW-6**					
EPA 8260	Tetrachloroethene	34.6	ug/L	1.0	02/14/14 14:40	
4092004005	**MW-7**					
EPA 8260	Tetrachloroethene	26.0	ug/L	1.0	02/14/14 15:03	
4092004006	**MW-8**					
EPA 8260	Tetrachloroethene	8.2	ug/L	1.0	02/14/14 15:26	
4092004007	**DUP #1**					
EPA 8260	Tetrachloroethene	31.5	ug/L	1.0	02/14/14 15:48	
EPA 8260	Trichloroethene	0.42J	ug/L	1.0	02/14/14 15:48	

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-1 **Lab ID: 4092004001** Collected: 02/11/14 15:20 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 13:55	630-20-6	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 13:55	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		02/14/14 13:55	79-34-5	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 13:55	79-00-5	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		02/14/14 13:55	75-34-3	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 13:55	75-35-4	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		02/14/14 13:55	563-58-6	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		02/14/14 13:55	87-61-6	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		02/14/14 13:55	96-18-4	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 13:55	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 13:55	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		02/14/14 13:55	96-12-8	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		02/14/14 13:55	106-93-4	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 13:55	95-50-1	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 13:55	107-06-2	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 13:55	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 13:55	108-67-8	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		02/14/14 13:55	541-73-1	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		02/14/14 13:55	142-28-9	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 13:55	106-46-7	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 13:55	594-20-7	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 13:55	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 13:55	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 13:55	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 13:55	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		02/14/14 13:55	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 13:55	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		02/14/14 13:55	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		02/14/14 13:55	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		02/14/14 13:55	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 13:55	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 13:55	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		02/14/14 13:55	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 13:55	74-87-3	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		02/14/14 13:55	124-48-1	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 13:55	74-95-3	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		02/14/14 13:55	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		02/14/14 13:55	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 13:55	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		02/14/14 13:55	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		02/14/14 13:55	98-82-8	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		02/14/14 13:55	1634-04-4	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		02/14/14 13:55	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 13:55	91-20-3	
Styrene	**<0.35**	ug/L	1.0	0.35	1		02/14/14 13:55	100-42-5	
Tetrachloroethene	**30.7**	ug/L	1.0	0.47	1		02/14/14 13:55	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-1 **Lab ID: 4092004001** Collected: 02/11/14 15:20 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 13:55	108-88-3	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 13:55	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 13:55	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		02/14/14 13:55	75-01-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 13:55	156-59-2	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		02/14/14 13:55	10061-01-5	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		02/14/14 13:55	179601-23-1	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 13:55	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 13:55	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 13:55	95-47-6	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 13:55	99-87-6	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		02/14/14 13:55	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 13:55	98-06-6	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		02/14/14 13:55	156-60-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		02/14/14 13:55	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	43-137		1		02/14/14 13:55	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		02/14/14 13:55	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		02/14/14 13:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-2 **Lab ID: 4092004002** Collected: 02/11/14 14:00 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 14:17	630-20-6	
1,1,1-Trichloroethane	**0.55J**	ug/L	1.0	0.44	1		02/14/14 14:17	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		02/14/14 14:17	79-34-5	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 14:17	79-00-5	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		02/14/14 14:17	75-34-3	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 14:17	75-35-4	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		02/14/14 14:17	563-58-6	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		02/14/14 14:17	87-61-6	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		02/14/14 14:17	96-18-4	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 14:17	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:17	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		02/14/14 14:17	96-12-8	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		02/14/14 14:17	106-93-4	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 14:17	95-50-1	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:17	107-06-2	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:17	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:17	108-67-8	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		02/14/14 14:17	541-73-1	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		02/14/14 14:17	142-28-9	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 14:17	106-46-7	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:17	594-20-7	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:17	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:17	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:17	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:17	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		02/14/14 14:17	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 14:17	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		02/14/14 14:17	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		02/14/14 14:17	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		02/14/14 14:17	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 14:17	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 14:17	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		02/14/14 14:17	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 14:17	74-87-3	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		02/14/14 14:17	124-48-1	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:17	74-95-3	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		02/14/14 14:17	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:17	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:17	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		02/14/14 14:17	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		02/14/14 14:17	98-82-8	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		02/14/14 14:17	1634-04-4	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		02/14/14 14:17	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 14:17	91-20-3	
Styrene	**<0.35**	ug/L	1.0	0.35	1		02/14/14 14:17	100-42-5	
Tetrachloroethene	**36.7**	ug/L	1.0	0.47	1		02/14/14 14:17	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-2 **Lab ID: 4092004002** Collected: 02/11/14 14:00 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 14:17	108-88-3	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 14:17	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:17	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		02/14/14 14:17	75-01-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 14:17	156-59-2	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		02/14/14 14:17	10061-01-5	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		02/14/14 14:17	179601-23-1	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 14:17	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:17	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:17	95-47-6	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 14:17	99-87-6	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		02/14/14 14:17	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 14:17	98-06-6	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		02/14/14 14:17	156-60-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		02/14/14 14:17	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	43-137		1		02/14/14 14:17	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		02/14/14 14:17	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		02/14/14 14:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-4 **Lab ID: 4092004003** Collected: 02/11/14 13:50 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 17:43	630-20-6	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 17:43	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		02/14/14 17:43	79-34-5	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 17:43	79-00-5	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		02/14/14 17:43	75-34-3	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 17:43	75-35-4	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		02/14/14 17:43	563-58-6	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		02/14/14 17:43	87-61-6	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		02/14/14 17:43	96-18-4	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 17:43	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 17:43	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		02/14/14 17:43	96-12-8	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		02/14/14 17:43	106-93-4	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 17:43	95-50-1	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 17:43	107-06-2	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 17:43	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 17:43	108-67-8	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		02/14/14 17:43	541-73-1	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		02/14/14 17:43	142-28-9	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 17:43	106-46-7	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 17:43	594-20-7	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 17:43	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 17:43	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 17:43	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 17:43	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		02/14/14 17:43	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 17:43	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		02/14/14 17:43	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		02/14/14 17:43	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		02/14/14 17:43	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 17:43	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 17:43	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		02/14/14 17:43	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 17:43	74-87-3	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		02/14/14 17:43	124-48-1	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 17:43	74-95-3	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		02/14/14 17:43	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		02/14/14 17:43	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 17:43	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		02/14/14 17:43	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		02/14/14 17:43	98-82-8	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		02/14/14 17:43	1634-04-4	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		02/14/14 17:43	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 17:43	91-20-3	
Styrene	**<0.35**	ug/L	1.0	0.35	1		02/14/14 17:43	100-42-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		02/14/14 17:43	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-4 **Lab ID: 4092004003** Collected: 02/11/14 13:50 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 17:43	108-88-3	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 17:43	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 17:43	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		02/14/14 17:43	75-01-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 17:43	156-59-2	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		02/14/14 17:43	10061-01-5	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		02/14/14 17:43	179601-23-1	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 17:43	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 17:43	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 17:43	95-47-6	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 17:43	99-87-6	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		02/14/14 17:43	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 17:43	98-06-6	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		02/14/14 17:43	156-60-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		02/14/14 17:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	43-137		1		02/14/14 17:43	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		02/14/14 17:43	1868-53-7	
Toluene-d8 (S)	102	%	55-137		1		02/14/14 17:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-6 **Lab ID: 4092004004** Collected: 02/11/14 12:05 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 14:40	630-20-6	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 14:40	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		02/14/14 14:40	79-34-5	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 14:40	79-00-5	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		02/14/14 14:40	75-34-3	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 14:40	75-35-4	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		02/14/14 14:40	563-58-6	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		02/14/14 14:40	87-61-6	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		02/14/14 14:40	96-18-4	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 14:40	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:40	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		02/14/14 14:40	96-12-8	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		02/14/14 14:40	106-93-4	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 14:40	95-50-1	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:40	107-06-2	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:40	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:40	108-67-8	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		02/14/14 14:40	541-73-1	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		02/14/14 14:40	142-28-9	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 14:40	106-46-7	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:40	594-20-7	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:40	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:40	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:40	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:40	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		02/14/14 14:40	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 14:40	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		02/14/14 14:40	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		02/14/14 14:40	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		02/14/14 14:40	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 14:40	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 14:40	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		02/14/14 14:40	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 14:40	74-87-3	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		02/14/14 14:40	124-48-1	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:40	74-95-3	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		02/14/14 14:40	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:40	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:40	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		02/14/14 14:40	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		02/14/14 14:40	98-82-8	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		02/14/14 14:40	1634-04-4	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		02/14/14 14:40	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 14:40	91-20-3	
Styrene	**<0.35**	ug/L	1.0	0.35	1		02/14/14 14:40	100-42-5	
Tetrachloroethene	**34.6**	ug/L	1.0	0.47	1		02/14/14 14:40	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-6 **Lab ID: 4092004004** Collected: 02/11/14 12:05 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 14:40	108-88-3	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 14:40	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 14:40	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		02/14/14 14:40	75-01-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 14:40	156-59-2	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		02/14/14 14:40	10061-01-5	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		02/14/14 14:40	179601-23-1	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 14:40	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:40	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 14:40	95-47-6	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 14:40	99-87-6	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		02/14/14 14:40	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 14:40	98-06-6	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		02/14/14 14:40	156-60-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		02/14/14 14:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	43-137		1		02/14/14 14:40	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		02/14/14 14:40	1868-53-7	
Toluene-d8 (S)	98	%	55-137		1		02/14/14 14:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-7 **Lab ID: 4092004005** Collected: 02/11/14 11:55 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 15:03	630-20-6	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:03	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		02/14/14 15:03	79-34-5	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 15:03	79-00-5	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		02/14/14 15:03	75-34-3	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 15:03	75-35-4	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		02/14/14 15:03	563-58-6	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		02/14/14 15:03	87-61-6	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		02/14/14 15:03	96-18-4	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 15:03	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:03	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		02/14/14 15:03	96-12-8	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		02/14/14 15:03	106-93-4	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:03	95-50-1	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:03	107-06-2	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:03	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:03	108-67-8	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		02/14/14 15:03	541-73-1	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		02/14/14 15:03	142-28-9	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 15:03	106-46-7	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:03	594-20-7	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:03	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:03	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:03	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:03	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		02/14/14 15:03	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 15:03	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		02/14/14 15:03	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		02/14/14 15:03	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		02/14/14 15:03	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 15:03	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:03	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		02/14/14 15:03	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 15:03	74-87-3	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		02/14/14 15:03	124-48-1	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:03	74-95-3	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		02/14/14 15:03	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:03	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:03	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		02/14/14 15:03	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		02/14/14 15:03	98-82-8	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		02/14/14 15:03	1634-04-4	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		02/14/14 15:03	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 15:03	91-20-3	
Styrene	**<0.35**	ug/L	1.0	0.35	1		02/14/14 15:03	100-42-5	
Tetrachloroethene	**26.0**	ug/L	1.0	0.47	1		02/14/14 15:03	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-7 **Lab ID: 4092004005** Collected: 02/11/14 11:55 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:03	108-88-3	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 15:03	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:03	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		02/14/14 15:03	75-01-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 15:03	156-59-2	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		02/14/14 15:03	10061-01-5	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		02/14/14 15:03	179601-23-1	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 15:03	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:03	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:03	95-47-6	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 15:03	99-87-6	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		02/14/14 15:03	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 15:03	98-06-6	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		02/14/14 15:03	156-60-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		02/14/14 15:03	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	43-137		1		02/14/14 15:03	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		02/14/14 15:03	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		02/14/14 15:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-8 **Lab ID: 4092004006** Collected: 02/11/14 11:10 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 15:26	630-20-6	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:26	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		02/14/14 15:26	79-34-5	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 15:26	79-00-5	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		02/14/14 15:26	75-34-3	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 15:26	75-35-4	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		02/14/14 15:26	563-58-6	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		02/14/14 15:26	87-61-6	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		02/14/14 15:26	96-18-4	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 15:26	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:26	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		02/14/14 15:26	96-12-8	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		02/14/14 15:26	106-93-4	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:26	95-50-1	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:26	107-06-2	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:26	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:26	108-67-8	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		02/14/14 15:26	541-73-1	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		02/14/14 15:26	142-28-9	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 15:26	106-46-7	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:26	594-20-7	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:26	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:26	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:26	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:26	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		02/14/14 15:26	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 15:26	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		02/14/14 15:26	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		02/14/14 15:26	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		02/14/14 15:26	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 15:26	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:26	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		02/14/14 15:26	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 15:26	74-87-3	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		02/14/14 15:26	124-48-1	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:26	74-95-3	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		02/14/14 15:26	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:26	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:26	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		02/14/14 15:26	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		02/14/14 15:26	98-82-8	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		02/14/14 15:26	1634-04-4	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		02/14/14 15:26	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 15:26	91-20-3	
Styrene	**<0.35**	ug/L	1.0	0.35	1		02/14/14 15:26	100-42-5	
Tetrachloroethene	**8.2**	ug/L	1.0	0.47	1		02/14/14 15:26	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: MW-8 **Lab ID: 4092004006** Collected: 02/11/14 11:10 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:26	108-88-3	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 15:26	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:26	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		02/14/14 15:26	75-01-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 15:26	156-59-2	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		02/14/14 15:26	10061-01-5	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		02/14/14 15:26	179601-23-1	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 15:26	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:26	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:26	95-47-6	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 15:26	99-87-6	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		02/14/14 15:26	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 15:26	98-06-6	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		02/14/14 15:26	156-60-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		02/14/14 15:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	43-137		1		02/14/14 15:26	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		02/14/14 15:26	1868-53-7	
Toluene-d8 (S)	100	%	55-137		1		02/14/14 15:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: DUP #1 **Lab ID: 4092004007** Collected: 02/11/14 00:00 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 15:48	630-20-6	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:48	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		02/14/14 15:48	79-34-5	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 15:48	79-00-5	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		02/14/14 15:48	75-34-3	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 15:48	75-35-4	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		02/14/14 15:48	563-58-6	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		02/14/14 15:48	87-61-6	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		02/14/14 15:48	96-18-4	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 15:48	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:48	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		02/14/14 15:48	96-12-8	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		02/14/14 15:48	106-93-4	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:48	95-50-1	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:48	107-06-2	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:48	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:48	108-67-8	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		02/14/14 15:48	541-73-1	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		02/14/14 15:48	142-28-9	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 15:48	106-46-7	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:48	594-20-7	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:48	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:48	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:48	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:48	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		02/14/14 15:48	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 15:48	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		02/14/14 15:48	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		02/14/14 15:48	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		02/14/14 15:48	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 15:48	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:48	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		02/14/14 15:48	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 15:48	74-87-3	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		02/14/14 15:48	124-48-1	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:48	74-95-3	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		02/14/14 15:48	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:48	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:48	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		02/14/14 15:48	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		02/14/14 15:48	98-82-8	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		02/14/14 15:48	1634-04-4	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		02/14/14 15:48	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 15:48	91-20-3	
Styrene	**<0.35**	ug/L	1.0	0.35	1		02/14/14 15:48	100-42-5	
Tetrachloroethene	**31.5**	ug/L	1.0	0.47	1		02/14/14 15:48	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: DUP #1 **Lab ID: 4092004007** Collected: 02/11/14 00:00 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 15:48	108-88-3	
Trichloroethene	**0.42J**	ug/L	1.0	0.36	1		02/14/14 15:48	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 15:48	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		02/14/14 15:48	75-01-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 15:48	156-59-2	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		02/14/14 15:48	10061-01-5	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		02/14/14 15:48	179601-23-1	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 15:48	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:48	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 15:48	95-47-6	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 15:48	99-87-6	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		02/14/14 15:48	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 15:48	98-06-6	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		02/14/14 15:48	156-60-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		02/14/14 15:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	43-137		1		02/14/14 15:48	460-00-4	
Dibromofluoromethane (S)	114	%	70-130		1		02/14/14 15:48	1868-53-7	
Toluene-d8 (S)	100	%	55-137		1		02/14/14 15:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: TRIP BLANK **Lab ID: 4092004008** Collected: 02/11/14 00:00 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 16:34	630-20-6	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 16:34	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		02/14/14 16:34	79-34-5	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 16:34	79-00-5	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		02/14/14 16:34	75-34-3	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 16:34	75-35-4	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		02/14/14 16:34	563-58-6	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		02/14/14 16:34	87-61-6	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		02/14/14 16:34	96-18-4	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 16:34	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 16:34	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		02/14/14 16:34	96-12-8	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		02/14/14 16:34	106-93-4	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 16:34	95-50-1	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 16:34	107-06-2	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 16:34	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 16:34	108-67-8	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		02/14/14 16:34	541-73-1	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		02/14/14 16:34	142-28-9	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		02/14/14 16:34	106-46-7	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		02/14/14 16:34	594-20-7	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 16:34	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 16:34	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 16:34	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		02/14/14 16:34	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		02/14/14 16:34	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		02/14/14 16:34	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		02/14/14 16:34	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		02/14/14 16:34	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		02/14/14 16:34	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 16:34	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		02/14/14 16:34	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		02/14/14 16:34	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		02/14/14 16:34	74-87-3	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		02/14/14 16:34	124-48-1	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 16:34	74-95-3	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		02/14/14 16:34	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		02/14/14 16:34	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 16:34	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		02/14/14 16:34	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		02/14/14 16:34	98-82-8	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		02/14/14 16:34	1634-04-4	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		02/14/14 16:34	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		02/14/14 16:34	91-20-3	
Styrene	**<0.35**	ug/L	1.0	0.35	1		02/14/14 16:34	100-42-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		02/14/14 16:34	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Sample: TRIP BLANK **Lab ID: 4092004008** Collected: 02/11/14 00:00 Received: 02/11/14 16:47 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.44**	ug/L	1.0	0.44	1		02/14/14 16:34	108-88-3	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		02/14/14 16:34	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		02/14/14 16:34	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		02/14/14 16:34	75-01-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 16:34	156-59-2	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		02/14/14 16:34	10061-01-5	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		02/14/14 16:34	179601-23-1	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 16:34	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 16:34	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		02/14/14 16:34	95-47-6	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		02/14/14 16:34	99-87-6	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		02/14/14 16:34	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		02/14/14 16:34	98-06-6	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		02/14/14 16:34	156-60-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		02/14/14 16:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	43-137		1		02/14/14 16:34	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		02/14/14 16:34	1868-53-7	
Toluene-d8 (S)	103	%	55-137		1		02/14/14 16:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

QC Batch: MSV/23221 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4092004001, 4092004002, 4092004003, 4092004004, 4092004005, 4092004006, 4092004007, 4092004008

METHOD BLANK: 931010 Matrix: Water
Associated Lab Samples: 4092004001, 4092004002, 4092004003, 4092004004, 4092004005, 4092004006, 4092004007, 4092004008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	02/14/14 07:03	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	02/14/14 07:03	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	02/14/14 07:03	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	02/14/14 07:03	
1,1-Dichloroethane	ug/L	<0.28	1.0	02/14/14 07:03	
1,1-Dichloroethene	ug/L	<0.43	1.0	02/14/14 07:03	
1,1-Dichloropropene	ug/L	<0.51	1.0	02/14/14 07:03	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	02/14/14 07:03	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	02/14/14 07:03	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	02/14/14 07:03	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	02/14/14 07:03	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	02/14/14 07:03	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	02/14/14 07:03	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	02/14/14 07:03	
1,2-Dichloroethane	ug/L	<0.48	1.0	02/14/14 07:03	
1,2-Dichloropropane	ug/L	<0.50	1.0	02/14/14 07:03	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	02/14/14 07:03	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	02/14/14 07:03	
1,3-Dichloropropane	ug/L	<0.46	1.0	02/14/14 07:03	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	02/14/14 07:03	
2,2-Dichloropropane	ug/L	<0.50	1.0	02/14/14 07:03	
2-Chlorotoluene	ug/L	<0.48	1.0	02/14/14 07:03	
4-Chlorotoluene	ug/L	<0.48	1.0	02/14/14 07:03	
Benzene	ug/L	<0.50	1.0	02/14/14 07:03	
Bromobenzene	ug/L	<0.48	1.0	02/14/14 07:03	
Bromochloromethane	ug/L	<0.49	1.0	02/14/14 07:03	
Bromodichloromethane	ug/L	<0.45	1.0	02/14/14 07:03	
Bromoform	ug/L	<0.33	1.0	02/14/14 07:03	
Bromomethane	ug/L	<0.43	5.0	02/14/14 07:03	
Carbon tetrachloride	ug/L	<0.37	1.0	02/14/14 07:03	
Chlorobenzene	ug/L	<0.36	1.0	02/14/14 07:03	
Chloroethane	ug/L	<0.44	1.0	02/14/14 07:03	
Chloroform	ug/L	<0.69	5.0	02/14/14 07:03	
Chloromethane	ug/L	<0.39	1.0	02/14/14 07:03	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	02/14/14 07:03	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	02/14/14 07:03	
Dibromochloromethane	ug/L	<1.9	5.0	02/14/14 07:03	
Dibromomethane	ug/L	<0.48	1.0	02/14/14 07:03	
Dichlorodifluoromethane	ug/L	<0.40	1.0	02/14/14 07:03	
Diisopropyl ether	ug/L	<0.50	1.0	02/14/14 07:03	
Ethylbenzene	ug/L	<0.50	1.0	02/14/14 07:03	
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	02/14/14 07:03	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	02/14/14 07:03	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

METHOD BLANK: 931010 Matrix: Water
Associated Lab Samples: 4092004001, 4092004002, 4092004003, 4092004004, 4092004005, 4092004006, 4092004007, 4092004008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<0.82	2.0	02/14/14 07:03	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	02/14/14 07:03	
Methylene Chloride	ug/L	<0.36	1.0	02/14/14 07:03	
n-Butylbenzene	ug/L	<0.40	1.0	02/14/14 07:03	
n-Propylbenzene	ug/L	<0.50	1.0	02/14/14 07:03	
Naphthalene	ug/L	<2.5	5.0	02/14/14 07:03	
o-Xylene	ug/L	<0.50	1.0	02/14/14 07:03	
p-Isopropyltoluene	ug/L	<0.40	1.0	02/14/14 07:03	
sec-Butylbenzene	ug/L	<0.60	5.0	02/14/14 07:03	
Styrene	ug/L	<0.35	1.0	02/14/14 07:03	
tert-Butylbenzene	ug/L	<0.42	1.0	02/14/14 07:03	
Tetrachloroethene	ug/L	<0.47	1.0	02/14/14 07:03	
Toluene	ug/L	<0.44	1.0	02/14/14 07:03	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	02/14/14 07:03	
trans-1,3-Dichloropropene	ug/L	<0.30	1.0	02/14/14 07:03	
Trichloroethene	ug/L	<0.36	1.0	02/14/14 07:03	
Trichlorofluoromethane	ug/L	<0.48	1.0	02/14/14 07:03	
Vinyl chloride	ug/L	<0.18	1.0	02/14/14 07:03	
4-Bromofluorobenzene (S)	%	96	43-137	02/14/14 07:03	
Dibromofluoromethane (S)	%	109	70-130	02/14/14 07:03	
Toluene-d8 (S)	%	103	55-137	02/14/14 07:03	

LABORATORY CONTROL SAMPLE & LCSD: 931011 931012

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.9	54.0	110	108	70-136	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	57.4	56.5	115	113	70-130	2	20	
1,1,2-Trichloroethane	ug/L	50	55.6	56.3	111	113	70-130	1	20	
1,1-Dichloroethane	ug/L	50	51.3	50.1	103	100	70-146	2	20	
1,1-Dichloroethene	ug/L	50	55.2	55.1	110	110	70-130	0	20	
1,2,4-Trichlorobenzene	ug/L	50	45.9	46.5	92	93	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	50	49.0	48.9	98	98	46-150	0	20	
1,2-Dibromoethane (EDB)	ug/L	50	54.8	54.3	110	109	70-130	1	20	
1,2-Dichlorobenzene	ug/L	50	51.0	51.0	102	102	70-130	0	20	
1,2-Dichloroethane	ug/L	50	53.4	52.8	107	106	70-144	1	20	
1,2-Dichloropropane	ug/L	50	60.8	60.8	122	122	70-136	0	20	
1,3-Dichlorobenzene	ug/L	50	48.7	48.5	97	97	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	50.5	50.8	101	102	70-130	1	20	
Benzene	ug/L	50	48.2	47.4	96	95	70-137	2	20	
Bromodichloromethane	ug/L	50	60.9	60.3	122	121	70-133	1	20	
Bromoform	ug/L	50	55.5	56.3	111	113	59-130	2	20	
Bromomethane	ug/L	50	57.5	59.0	115	118	41-148	2	20	
Carbon tetrachloride	ug/L	50	57.3	57.4	115	115	70-154	0	20	
Chlorobenzene	ug/L	50	55.1	54.5	110	109	70-130	1	20	
Chloroethane	ug/L	50	61.5	60.2	123	120	70-139	2	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

LABORATORY CONTROL SAMPLE & LCSD: 931011 931012

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	52.0	51.2	104	102	70-130	2	20	
Chloromethane	ug/L	50	61.9	59.5	124	119	45-154	4	20	
cis-1,2-Dichloroethene	ug/L	50	46.7	45.2	93	90	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	50	49.8	49.5	100	99	70-136	1	20	
Dibromochloromethane	ug/L	50	53.9	54.0	108	108	70-130	0	20	
Dichlorodifluoromethane	ug/L	50	54.8	57.4	110	115	20-157	5	20	
Ethylbenzene	ug/L	50	56.2	56.3	112	113	70-130	0	20	
Isopropylbenzene (Cumene)	ug/L	50	57.2	57.1	114	114	70-130	0	20	
m&p-Xylene	ug/L	100	114	113	114	113	70-130	1	20	
Methyl-tert-butyl ether	ug/L	50	49.8	49.0	100	98	59-141	2	20	
Methylene Chloride	ug/L	50	56.2	54.2	112	108	70-130	4	20	
o-Xylene	ug/L	50	56.0	56.2	112	112	70-130	0	20	
Styrene	ug/L	50	55.3	54.5	111	109	70-130	1	20	
Tetrachloroethene	ug/L	50	59.2	58.8	118	118	70-130	1	20	
Toluene	ug/L	50	55.3	54.8	111	110	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	53.2	52.6	106	105	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	51.4	51.7	103	103	55-135	1	20	
Trichloroethene	ug/L	50	57.4	56.2	115	112	70-130	2	20	
Trichlorofluoromethane	ug/L	50	52.4	53.7	105	107	50-150	2	20	
Vinyl chloride	ug/L	50	65.2	65.0	130	130	61-143	0	20	
4-Bromofluorobenzene (S)	%				113	113	43-137			
Dibromofluoromethane (S)	%				98	96	70-130			
Toluene-d8 (S)	%				104	105	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 931290 931291

Parameter	Units	4091984002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.44	50	50	53.5	55.0	107	110	70-136	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	57.2	57.2	114	114	70-130	0	20	
1,1,2-Trichloroethane	ug/L	<0.39	50	50	55.4	55.3	111	111	70-130	0	20	
1,1-Dichloroethane	ug/L	<0.28	50	50	50.1	51.4	100	103	70-146	2	20	
1,1-Dichloroethene	ug/L	<0.43	50	50	54.8	56.5	110	113	70-130	3	20	
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	48.7	48.8	97	98	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	50.5	50.4	101	101	46-150	0	20	
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	54.0	55.0	108	110	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.44	50	50	51.7	51.9	103	104	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.48	50	50	52.3	53.4	105	107	70-146	2	20	
1,2-Dichloropropane	ug/L	<0.50	50	50	60.3	59.9	121	120	70-136	1	20	
1,3-Dichlorobenzene	ug/L	<0.45	50	50	48.6	49.5	97	99	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.43	50	50	50.4	50.8	101	102	70-130	1	20	
Benzene	ug/L	<0.50	50	50	47.2	48.1	94	96	70-137	2	20	
Bromodichloromethane	ug/L	<0.45	50	50	59.0	60.3	118	121	70-133	2	20	
Bromoform	ug/L	<0.33	50	50	54.9	54.6	110	109	57-130	1	20	
Bromomethane	ug/L	<0.43	50	50	59.1	62.0	118	124	41-148	5	20	
Carbon tetrachloride	ug/L	<0.37	50	50	57.4	58.6	115	117	70-154	2	20	
Chlorobenzene	ug/L	<0.36	50	50	53.6	54.1	107	108	70-130	1	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 931290 931291

Parameter	Units	4091984002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	<0.44	50	50	59.5	60.8	119	122	70-140	2	20	
Chloroform	ug/L	<0.69	50	50	50.5	51.5	101	103	70-130	2	20	
Chloromethane	ug/L	<0.39	50	50	58.0	59.0	116	118	45-154	2	20	
cis-1,2-Dichloroethene	ug/L	<0.42	50	50	44.9	46.7	90	93	70-130	4	20	
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	49.7	49.9	99	100	70-136	1	20	
Dibromochloromethane	ug/L	<1.9	50	50	53.3	54.6	107	109	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.40	50	50	57.1	59.1	114	118	10-157	3	20	
Ethylbenzene	ug/L	<0.50	50	50	55.8	56.4	111	112	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	56.1	56.9	112	114	70-130	1	20	
m&p-Xylene	ug/L	<0.82	100	100	113	114	113	114	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<0.49	50	50	49.1	50.8	98	102	59-141	3	20	
Methylene Chloride	ug/L	<0.36	50	50	54.7	55.8	109	112	70-130	2	20	
o-Xylene	ug/L	0.66J	50	50	56.5	56.8	112	112	70-130	0	20	
Styrene	ug/L	<0.35	50	50	54.3	53.8	109	108	35-164	1	20	
Tetrachloroethene	ug/L	<0.47	50	50	58.1	59.0	116	118	70-130	2	20	
Toluene	ug/L	<0.44	50	50	54.1	54.5	108	109	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	51.5	53.5	103	107	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	<0.30	50	50	51.0	51.4	102	103	55-137	1	20	
Trichloroethene	ug/L	<0.36	50	50	55.9	56.6	112	113	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.48	50	50	53.6	54.5	107	109	50-150	2	20	
Vinyl chloride	ug/L	<0.18	50	50	64.8	67.4	130	135	59-144	4	20	
4-Bromofluorobenzene (S)	%						113	113	43-137			
Dibromofluoromethane (S)	%						96	98	70-130			
Toluene-d8 (S)	%						103	103	55-137			

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

TNI - The NELAC Institute.

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4092004

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4092004001	**MW-1**	EPA 8260	MSV/23221		
4092004002	**MW-2**	EPA 8260	MSV/23221		
4092004003	**MW-4**	EPA 8260	MSV/23221		
4092004004	**MW-6**	EPA 8260	MSV/23221		
4092004005	**MW-7**	EPA 8260	MSV/23221		
4092004006	**MW-8**	EPA 8260	MSV/23221		
4092004007	**DUP #1**	EPA 8260	MSV/23221		
4092004008	**TRIP BLANK**	EPA 8260	MSV/23221		

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

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

JBT

4092004

(Please Print Clearly)	
Company Name:	SHANNON & WILSON
Branch/Location:	MADISON, WI
Project Contact:	MARK McCOLLOCH
Phone:	608/442-5223
Project Number:	42-1-37409
Project Name:	UNITED DRY CLEANERS
Project State:	WI
Sampled By (Print):	MARK McCOLLOCH
Sampled By (Sign):	Mark L McColloch
PO #:	
Regulatory Program:	

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

Quote #:	
Mail To Contact:	MARK McCOLLOCH
Mail To Company:	SHANNON & WILSON
Mail To Address:	2110 LUANN LANE, SUITE 101 MADISON, WI 53714
Invoice To Contact:	MARK McCOLLOCH
Invoice To Company:	SHANNON & WILSON
Invoice To Address:	same
Invoice To Phone:	608/442-5223

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: 40 ml VOAs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	02/11	15:20	GW	N	HCL	3		3-40ml B	
002	MW-2		14:00				3			
003	MW-4		13:50				3			
004	MW-6		12:05				3			
005	MW-7		11:55				3			
006	MW-8		11:10				3			
007	DUP #1		—				3			
008	TRIP BLANK		—				2		2-40ml B	

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
Mark L McColloch	02/11/14 16:47	M.V—a	2/11/14 1647

PACE Project No.: 4092004

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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

Pace Analytical™

Project **WO# : 4092004**

4092004

Client Name: Shannon + Wilson

Courier: ☐ Fed Ex ☐ UPS ☑ 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 NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: R01 /Corr: _____ **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 2-11-14
Initials: MV

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☐Yes ☐No ☐N/A	15.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 319		

If checked, see attached form for additional comments ☐

Client Notification/ Resolution:
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____

Project Manager Review: MAT for DM **Date:** 2.11.14

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

May 22, 2014

Mark McColloch
SHANNON & WILSON, INC.
2110 Luann Lane
Suite 101
Madison, WI 53713

RE: Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Dear Mark McColloch:
Enclosed are the analytical results for sample(s) received by the laboratory on May 14, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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SAMPLE SUMMARY

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4096335001	**MW-1**	Water	05/14/14 13:30	05/14/14 15:52
4096335002	**MW-2**	Water	05/14/14 12:10	05/14/14 15:52
4096335003	**MW-3**	Water	05/14/14 11:45	05/14/14 15:52
4096335004	**MW-4**	Water	05/14/14 11:30	05/14/14 15:52
4096335005	**MW-5**	Water	05/14/14 12:55	05/14/14 15:52
4096335006	**MW-6**	Water	05/14/14 10:30	05/14/14 15:52
4096335007	**MW-7**	Water	05/14/14 10:15	05/14/14 15:52
4096335008	**MW-8**	Water	05/14/14 09:30	05/14/14 15:52
4096335009	**MW-9**	Water	05/14/14 09:20	05/14/14 15:52
4096335010	**DUP #1**	Water	05/14/14 00:00	05/14/14 15:52
4096335011	**TRIP BLANK**	Water	05/14/14 00:00	05/14/14 15:52

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4096335001	**MW-1**	EPA 8260	LAP	64
4096335002	**MW-2**	EPA 8260	LAP	64
4096335003	**MW-3**	EPA 8260	LAP	64
4096335004	**MW-4**	EPA 8260	LAP	64
4096335005	**MW-5**	EPA 8260	LAP	64
4096335006	**MW-6**	EPA 8260	LAP	64
4096335007	**MW-7**	EPA 8260	LAP	64
4096335008	**MW-8**	EPA 8260	LAP	64
4096335009	**MW-9**	EPA 8260	LAP	64
4096335010	**DUP #1**	EPA 8260	LAP	64
4096335011	**TRIP BLANK**	EPA 8260	LAP	64

Pace Analytical Services, Inc.
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SUMMARY OF DETECTION

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
4096335001	**MW-1**					
EPA 8260	Tetrachloroethene	27.0	ug/L	1.0	05/17/14 04:07	
4096335002	**MW-2**					
EPA 8260	Tetrachloroethene	15.9	ug/L	1.0	05/17/14 04:30	
4096335003	**MW-3**					
EPA 8260	Tetrachloroethene	5.7	ug/L	1.0	05/17/14 04:52	
4096335004	**MW-4**					
EPA 8260	Tetrachloroethene	0.96J	ug/L	1.0	05/17/14 02:13	
4096335005	**MW-5**					
EPA 8260	Tetrachloroethene	27.4	ug/L	1.0	05/17/14 02:36	
4096335006	**MW-6**					
EPA 8260	Tetrachloroethene	24.7	ug/L	1.0	05/17/14 02:59	
4096335007	**MW-7**					
EPA 8260	Tetrachloroethene	10.3	ug/L	1.0	05/17/14 03:21	
4096335008	**MW-8**					
EPA 8260	Tetrachloroethene	3.7	ug/L	1.0	05/17/14 03:44	
4096335010	**DUP #1**					
EPA 8260	Tetrachloroethene	27.3	ug/L	1.0	05/17/14 04:30	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-1 **Lab ID: 4096335001** Collected: 05/14/14 13:30 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:07	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 04:07	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:07	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:07	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 04:07	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 04:07	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:07	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:07	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:07	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:07	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:07	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:07	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 04:07	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 04:07	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:07	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:07	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 04:07	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 04:07	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:07	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:07	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 04:07	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:07	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:07	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 04:07	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:07	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:07	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:07	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:07	100-42-5	
Tetrachloroethene	**27.0**	ug/L	1.0	0.50	1		05/17/14 04:07	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-1 **Lab ID: 4096335001** Collected: 05/14/14 13:30 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 04:07	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:07	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:07	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 04:07	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:07	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 04:07	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 04:07	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 04:07	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:07	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:07	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 04:07	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:07	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	59-130		1		05/17/14 04:07	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		05/17/14 04:07	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/17/14 04:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-2 **Lab ID: 4096335002** Collected: 05/14/14 12:10 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:30	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 04:30	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:30	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:30	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 04:30	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 04:30	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:30	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:30	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:30	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:30	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:30	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:30	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 04:30	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 04:30	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:30	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:30	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 04:30	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 04:30	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:30	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:30	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 04:30	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:30	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:30	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 04:30	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:30	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:30	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:30	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:30	100-42-5	
Tetrachloroethene	**15.9**	ug/L	1.0	0.50	1		05/17/14 04:30	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-2 **Lab ID: 4096335002** Collected: 05/14/14 12:10 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 04:30	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:30	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:30	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 04:30	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:30	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 04:30	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 04:30	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 04:30	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:30	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:30	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 04:30	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:30	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	59-130		1		05/17/14 04:30	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		05/17/14 04:30	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/17/14 04:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-3 **Lab ID: 4096335003** Collected: 05/14/14 11:45 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:52	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 04:52	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:52	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:52	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 04:52	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 04:52	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:52	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:52	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:52	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:52	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:52	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:52	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 04:52	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 04:52	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:52	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:52	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 04:52	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 04:52	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:52	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:52	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 04:52	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:52	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 04:52	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:52	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:52	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:52	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:52	100-42-5	
Tetrachloroethene	**5.7**	ug/L	1.0	0.50	1		05/17/14 04:52	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-3 **Lab ID: 4096335003** Collected: 05/14/14 11:45 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 04:52	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:52	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:52	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 04:52	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:52	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 04:52	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 04:52	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 04:52	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:52	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:52	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 04:52	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:52	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	59-130		1		05/17/14 04:52	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		05/17/14 04:52	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		05/17/14 04:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-4 **Lab ID: 4096335004** Collected: 05/14/14 11:30 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 02:13	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 02:13	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:13	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:13	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 02:13	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 02:13	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 02:13	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 02:13	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 02:13	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:13	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 02:13	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:13	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 02:13	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 02:13	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:13	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 02:13	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 02:13	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 02:13	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 02:13	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 02:13	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 02:13	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:13	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 02:13	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 02:13	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 02:13	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:13	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 02:13	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 02:13	100-42-5	
Tetrachloroethene	**0.96J**	ug/L	1.0	0.50	1		05/17/14 02:13	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-4 **Lab ID: 4096335004** Collected: 05/14/14 11:30 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 02:13	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 02:13	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 02:13	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 02:13	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 02:13	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 02:13	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 02:13	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:13	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 02:13	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 02:13	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 02:13	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 02:13	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	59-130		1		05/17/14 02:13	460-00-4	
Dibromofluoromethane (S)	123	%	70-130		1		05/17/14 02:13	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		05/17/14 02:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-5 **Lab ID: 4096335005** Collected: 05/14/14 12:55 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 02:36	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 02:36	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:36	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:36	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 02:36	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 02:36	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 02:36	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 02:36	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 02:36	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:36	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 02:36	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:36	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 02:36	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 02:36	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:36	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 02:36	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 02:36	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 02:36	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 02:36	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 02:36	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 02:36	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:36	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 02:36	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 02:36	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 02:36	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:36	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 02:36	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 02:36	100-42-5	
Tetrachloroethene	**27.4**	ug/L	1.0	0.50	1		05/17/14 02:36	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-5 **Lab ID: 4096335005** Collected: 05/14/14 12:55 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 02:36	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 02:36	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 02:36	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 02:36	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 02:36	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 02:36	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 02:36	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:36	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 02:36	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 02:36	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 02:36	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 02:36	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	59-130		1		05/17/14 02:36	460-00-4	
Dibromofluoromethane (S)	124	%	70-130		1		05/17/14 02:36	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		05/17/14 02:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-6 **Lab ID: 4096335006** Collected: 05/14/14 10:30 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 02:59	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 02:59	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:59	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:59	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 02:59	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 02:59	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 02:59	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 02:59	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 02:59	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:59	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 02:59	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:59	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 02:59	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 02:59	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:59	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 02:59	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 02:59	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 02:59	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 02:59	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 02:59	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 02:59	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 02:59	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 02:59	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 02:59	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 02:59	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:59	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 02:59	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 02:59	100-42-5	
Tetrachloroethene	**24.7**	ug/L	1.0	0.50	1		05/17/14 02:59	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-6 **Lab ID: 4096335006** Collected: 05/14/14 10:30 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 02:59	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 02:59	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 02:59	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 02:59	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 02:59	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 02:59	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 02:59	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 02:59	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 02:59	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 02:59	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 02:59	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 02:59	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 02:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	59-130		1		05/17/14 02:59	460-00-4	
Dibromofluoromethane (S)	125	%	70-130		1		05/17/14 02:59	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		05/17/14 02:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-7 **Lab ID: 4096335007** Collected: 05/14/14 10:15 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 03:21	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 03:21	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 03:21	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 03:21	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 03:21	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 03:21	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 03:21	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 03:21	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 03:21	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 03:21	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 03:21	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 03:21	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 03:21	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 03:21	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 03:21	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 03:21	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 03:21	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 03:21	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 03:21	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 03:21	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 03:21	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 03:21	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 03:21	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 03:21	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 03:21	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 03:21	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 03:21	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 03:21	100-42-5	
Tetrachloroethene	**10.3**	ug/L	1.0	0.50	1		05/17/14 03:21	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-7 **Lab ID: 4096335007** Collected: 05/14/14 10:15 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 03:21	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 03:21	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 03:21	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 03:21	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 03:21	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 03:21	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 03:21	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:21	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 03:21	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 03:21	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 03:21	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 03:21	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 03:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	59-130		1		05/17/14 03:21	460-00-4	
Dibromofluoromethane (S)	125	%	70-130		1		05/17/14 03:21	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/17/14 03:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-8 **Lab ID: 4096335008** Collected: 05/14/14 09:30 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 03:44	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 03:44	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 03:44	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 03:44	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 03:44	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 03:44	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 03:44	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 03:44	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 03:44	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 03:44	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 03:44	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 03:44	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 03:44	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 03:44	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 03:44	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 03:44	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 03:44	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 03:44	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 03:44	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 03:44	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 03:44	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 03:44	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 03:44	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 03:44	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 03:44	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 03:44	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 03:44	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 03:44	100-42-5	
Tetrachloroethene	**3.7**	ug/L	1.0	0.50	1		05/17/14 03:44	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-8 **Lab ID: 4096335008** Collected: 05/14/14 09:30 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 03:44	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 03:44	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 03:44	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 03:44	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 03:44	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 03:44	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 03:44	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 03:44	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 03:44	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 03:44	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 03:44	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 03:44	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 03:44	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	59-130		1		05/17/14 03:44	460-00-4	
Dibromofluoromethane (S)	126	%	70-130		1		05/17/14 03:44	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		05/17/14 03:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-9 **Lab ID: 4096335009** Collected: 05/14/14 09:20 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:07	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 04:07	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:07	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:07	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 04:07	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 04:07	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:07	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:07	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:07	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:07	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:07	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:07	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 04:07	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 04:07	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:07	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:07	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 04:07	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 04:07	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:07	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:07	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 04:07	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:07	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:07	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 04:07	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:07	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:07	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:07	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:07	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: MW-9 **Lab ID: 4096335009** Collected: 05/14/14 09:20 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 04:07	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:07	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:07	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 04:07	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:07	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 04:07	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 04:07	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:07	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 04:07	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:07	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:07	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 04:07	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:07	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	59-130		1		05/17/14 04:07	460-00-4	
Dibromofluoromethane (S)	125	%	70-130		1		05/17/14 04:07	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		05/17/14 04:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: DUP #1 **Lab ID: 4096335010** Collected: 05/14/14 00:00 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:30	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 04:30	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:30	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:30	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 04:30	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 04:30	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:30	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:30	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:30	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:30	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:30	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:30	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 04:30	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 04:30	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:30	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:30	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 04:30	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 04:30	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:30	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:30	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 04:30	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:30	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:30	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 04:30	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:30	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:30	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:30	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:30	100-42-5	
Tetrachloroethene	**27.3**	ug/L	1.0	0.50	1		05/17/14 04:30	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: DUP #1 **Lab ID: 4096335010** Collected: 05/14/14 00:00 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 04:30	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:30	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:30	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 04:30	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:30	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 04:30	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 04:30	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:30	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 04:30	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:30	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:30	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 04:30	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:30	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	59-130		1		05/17/14 04:30	460-00-4	
Dibromofluoromethane (S)	126	%	70-130		1		05/17/14 04:30	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		05/17/14 04:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: TRIP BLANK **Lab ID: 4096335011** Collected: 05/14/14 00:00 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:52	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/17/14 04:52	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:52	79-00-5	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:52	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/17/14 04:52	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/17/14 04:52	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:52	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:52	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:52	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:52	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:52	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:52	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/17/14 04:52	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/17/14 04:52	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:52	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:52	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/17/14 04:52	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/17/14 04:52	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:52	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	74-87-3	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		05/17/14 04:52	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/17/14 04:52	74-95-3	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		05/17/14 04:52	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/17/14 04:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		05/17/14 04:52	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:52	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:52	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/17/14 04:52	91-20-3	
Styrene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:52	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Sample: TRIP BLANK **Lab ID: 4096335011** Collected: 05/14/14 00:00 Received: 05/14/14 15:52 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/17/14 04:52	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		05/17/14 04:52	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:52	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/17/14 04:52	156-59-2	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		05/17/14 04:52	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/17/14 04:52	179601-23-1	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		05/17/14 04:52	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/17/14 04:52	95-47-6	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		05/17/14 04:52	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/17/14 04:52	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/17/14 04:52	98-06-6	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		05/17/14 04:52	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/17/14 04:52	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	59-130		1		05/17/14 04:52	460-00-4	
Dibromofluoromethane (S)	125	%	70-130		1		05/17/14 04:52	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/17/14 04:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

QC Batch: MSV/24192 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4096335001, 4096335002, 4096335003

METHOD BLANK: 972826 Matrix: Water
Associated Lab Samples: 4096335001, 4096335002, 4096335003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/16/14 19:31	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/16/14 19:31	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/16/14 19:31	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	05/16/14 19:31	
1,1-Dichloroethane	ug/L	<0.16	1.0	05/16/14 19:31	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/16/14 19:31	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/16/14 19:31	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/16/14 19:31	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/16/14 19:31	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/16/14 19:31	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/16/14 19:31	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/16/14 19:31	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	05/16/14 19:31	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/16/14 19:31	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/16/14 19:31	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/16/14 19:31	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/16/14 19:31	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/16/14 19:31	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/16/14 19:31	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/16/14 19:31	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/16/14 19:31	
2-Chlorotoluene	ug/L	<0.50	1.0	05/16/14 19:31	
4-Chlorotoluene	ug/L	<0.21	1.0	05/16/14 19:31	
Benzene	ug/L	<0.50	1.0	05/16/14 19:31	
Bromobenzene	ug/L	<0.23	1.0	05/16/14 19:31	
Bromochloromethane	ug/L	<0.32	1.0	05/16/14 19:31	
Bromodichloromethane	ug/L	<0.50	1.0	05/16/14 19:31	
Bromoform	ug/L	<0.50	1.0	05/16/14 19:31	
Bromomethane	ug/L	<2.4	5.0	05/16/14 19:31	
Carbon tetrachloride	ug/L	<0.50	1.0	05/16/14 19:31	
Chlorobenzene	ug/L	<0.50	1.0	05/16/14 19:31	
Chloroethane	ug/L	<0.37	1.0	05/16/14 19:31	
Chloroform	ug/L	<2.5	5.0	05/16/14 19:31	
Chloromethane	ug/L	<0.50	1.0	05/16/14 19:31	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/16/14 19:31	
cis-1,3-Dichloropropene	ug/L	<0.15	1.0	05/16/14 19:31	
Dibromochloromethane	ug/L	<0.32	1.0	05/16/14 19:31	
Dibromomethane	ug/L	<0.43	1.0	05/16/14 19:31	
Dichlorodifluoromethane	ug/L	<0.16	1.0	05/16/14 19:31	
Diisopropyl ether	ug/L	<0.50	1.0	05/16/14 19:31	
Ethylbenzene	ug/L	<0.50	1.0	05/16/14 19:31	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/16/14 19:31	
Isopropylbenzene (Cumene)	ug/L	<0.12	1.0	05/16/14 19:31	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

METHOD BLANK: 972826 Matrix: Water
Associated Lab Samples: 4096335001, 4096335002, 4096335003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.0	2.0	05/16/14 19:31	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/16/14 19:31	
Methylene Chloride	ug/L	<0.23	1.0	05/16/14 19:31	
n-Butylbenzene	ug/L	<0.22	1.0	05/16/14 19:31	
n-Propylbenzene	ug/L	<0.50	1.0	05/16/14 19:31	
Naphthalene	ug/L	<2.5	5.0	05/16/14 19:31	
o-Xylene	ug/L	<0.50	1.0	05/16/14 19:31	
p-Isopropyltoluene	ug/L	<0.13	1.0	05/16/14 19:31	
sec-Butylbenzene	ug/L	<2.2	5.0	05/16/14 19:31	
Styrene	ug/L	<0.15	1.0	05/16/14 19:31	
tert-Butylbenzene	ug/L	<0.18	1.0	05/16/14 19:31	
Tetrachloroethene	ug/L	<0.50	1.0	05/16/14 19:31	
Toluene	ug/L	<0.50	1.0	05/16/14 19:31	
trans-1,2-Dichloroethene	ug/L	<0.24	1.0	05/16/14 19:31	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/16/14 19:31	
Trichloroethene	ug/L	<0.33	1.0	05/16/14 19:31	
Trichlorofluoromethane	ug/L	<0.17	1.0	05/16/14 19:31	
Vinyl chloride	ug/L	<0.18	1.0	05/16/14 19:31	
4-Bromofluorobenzene (S)	%	92	59-130	05/16/14 19:31	
Dibromofluoromethane (S)	%	104	70-130	05/16/14 19:31	
Toluene-d8 (S)	%	100	70-130	05/16/14 19:31	

LABORATORY CONTROL SAMPLE & LCSD: 972827 972828

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.3	55.8	115	112	70-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	50	51.7	51.7	103	103	70-130	0	20	
1,1,2-Trichloroethane	ug/L	50	54.8	53.6	110	107	70-130	2	20	
1,1-Dichloroethane	ug/L	50	58.4	57.6	117	115	70-130	1	20	
1,1-Dichloroethene	ug/L	50	56.0	54.1	112	108	70-132	3	20	
1,2,4-Trichlorobenzene	ug/L	50	48.4	47.8	97	96	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	50	44.2	44.4	88	89	50-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	50	53.0	51.6	106	103	70-130	3	20	
1,2-Dichlorobenzene	ug/L	50	54.1	52.3	108	105	70-130	3	20	
1,2-Dichloroethane	ug/L	50	60.5	53.0	121	106	70-130	13	20	
1,2-Dichloropropane	ug/L	50	58.6	55.6	117	111	70-130	5	20	
1,3-Dichlorobenzene	ug/L	50	52.9	51.7	106	103	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	51.4	51.8	103	104	70-130	1	20	
Benzene	ug/L	50	59.9	54.2	120	108	70-130	10	20	
Bromodichloromethane	ug/L	50	55.4	54.7	111	109	70-130	1	20	
Bromoform	ug/L	50	44.9	44.1	90	88	70-130	2	20	
Bromomethane	ug/L	50	42.5	45.9	85	92	34-157	8	20	
Carbon tetrachloride	ug/L	50	56.5	54.8	113	110	70-132	3	20	
Chlorobenzene	ug/L	50	56.2	53.4	112	107	70-130	5	20	
Chloroethane	ug/L	50	56.0	54.5	112	109	60-143	3	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

LABORATORY CONTROL SAMPLE & LCSD: 972827 972828

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	54.4	53.3	109	107	70-130	2	20	
Chloromethane	ug/L	50	52.1	50.5	104	101	43-148	3	20	
cis-1,2-Dichloroethene	ug/L	50	57.3	54.8	115	110	51-133	5	20	
cis-1,3-Dichloropropene	ug/L	50	52.7	51.3	105	103	70-130	3	20	
Dibromochloromethane	ug/L	50	53.8	52.2	108	104	70-130	3	20	
Dichlorodifluoromethane	ug/L	50	41.4	39.8	83	80	10-174	4	20	
Ethylbenzene	ug/L	50	59.1	56.4	118	113	70-130	5	20	
Isopropylbenzene (Cumene)	ug/L	50	59.6	56.7	119	113	70-136	5	20	
m&p-Xylene	ug/L	100	117	113	117	113	70-131	4	20	
Methyl-tert-butyl ether	ug/L	50	53.5	53.3	107	107	54-139	0	20	
Methylene Chloride	ug/L	50	58.5	57.2	117	114	70-130	2	20	
o-Xylene	ug/L	50	58.3	56.1	117	112	70-130	4	20	
Styrene	ug/L	50	58.7	56.1	117	112	70-130	5	20	
Tetrachloroethene	ug/L	50	54.3	50.6	109	101	70-130	7	20	
Toluene	ug/L	50	57.1	54.7	114	109	70-130	4	20	
trans-1,2-Dichloroethene	ug/L	50	56.4	55.0	113	110	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	50	47.0	45.4	94	91	70-130	3	20	
Trichloroethene	ug/L	50	57.2	56.0	114	112	70-130	2	20	
Trichlorofluoromethane	ug/L	50	54.8	53.4	110	107	50-150	3	20	
Vinyl chloride	ug/L	50	53.8	52.5	108	105	59-157	3	20	
4-Bromofluorobenzene (S)	%				104	102	59-130			
Dibromofluoromethane (S)	%				105	104	70-130			
Toluene-d8 (S)	%				100	101	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 972869 972870

Parameter	Units	4096273005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	54.6	53.9	109	108	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	55.7	50.5	111	101	70-130	10	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	55.9	53.3	112	107	70-130	5	20	
1,1-Dichloroethane	ug/L	<0.16	50	50	57.2	55.4	114	111	70-130	3	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	52.5	52.8	105	106	70-138	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	48.1	47.3	96	95	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	51.6	45.0	103	90	50-150	14	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	55.7	51.2	111	102	70-130	8	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.7	52.0	105	104	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	55.1	57.9	110	116	70-130	5	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	57.8	57.3	116	115	70-130	1	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	51.3	51.4	103	103	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	51.7	51.3	103	103	70-130	1	20	
Benzene	ug/L	<0.50	50	50	54.1	57.0	108	114	70-130	5	20	
Bromodichloromethane	ug/L	<0.50	50	50	55.9	54.3	112	109	70-130	3	20	
Bromoform	ug/L	<0.50	50	50	47.9	44.0	96	88	70-130	8	20	
Bromomethane	ug/L	<2.4	50	50	42.3	47.3	85	95	34-159	11	20	
Carbon tetrachloride	ug/L	<0.50	50	50	53.9	53.1	108	106	70-132	1	20	
Chlorobenzene	ug/L	<0.50	50	50	54.1	53.8	108	108	70-130	0	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 972869 972870

Parameter	Units	4096273005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	<0.37	50	50	52.4	52.3	105	105	60-143	0	20	
Chloroform	ug/L	<2.5	50	50	53.2	52.4	106	105	70-130	2	20	
Chloromethane	ug/L	<0.50	50	50	50.7	50.4	101	101	43-149	1	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	55.8	53.6	112	107	48-137	4	33	
cis-1,3-Dichloropropene	ug/L	<0.15	50	50	53.4	51.7	107	103	70-130	3	20	
Dibromochloromethane	ug/L	<0.32	50	50	53.6	51.7	107	103	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.16	50	50	38.0	36.0	76	72	10-174	5	20	
Ethylbenzene	ug/L	<0.50	50	50	57.0	56.6	114	113	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.12	50	50	57.0	55.3	114	111	70-136	3	20	
m&p-Xylene	ug/L	<1.0	100	100	113	111	113	111	70-135	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	55.6	52.3	111	105	54-139	6	20	
Methylene Chloride	ug/L	<0.23	50	50	56.1	55.5	112	111	70-133	1	20	
o-Xylene	ug/L	<0.50	50	50	56.3	55.4	113	111	70-130	2	20	
Styrene	ug/L	<0.15	50	50	55.6	55.8	111	112	70-130	0	20	
Tetrachloroethene	ug/L	<0.50	50	50	49.9	49.1	100	98	70-130	2	20	
Toluene	ug/L	<0.50	50	50	55.6	54.0	111	108	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	<0.24	50	50	54.8	53.6	110	107	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	47.7	45.4	95	91	70-130	5	20	
Trichloroethene	ug/L	<0.33	50	50	55.6	55.2	111	110	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.17	50	50	51.8	50.2	104	100	50-150	3	20	
Vinyl chloride	ug/L	<0.18	50	50	50.7	49.4	101	99	59-158	3	20	
4-Bromofluorobenzene (S)	%						103	101	59-130			
Dibromofluoromethane (S)	%						104	104	70-130			
Toluene-d8 (S)	%						101	99	70-130			

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

QC Batch: MSV/24193 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4096335004, 4096335005, 4096335006, 4096335007, 4096335008, 4096335009, 4096335010, 4096335011

METHOD BLANK: 972829 Matrix: Water
Associated Lab Samples: 4096335004, 4096335005, 4096335006, 4096335007, 4096335008, 4096335009, 4096335010, 4096335011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/16/14 19:22	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/16/14 19:22	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/16/14 19:22	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	05/16/14 19:22	
1,1-Dichloroethane	ug/L	<0.16	1.0	05/16/14 19:22	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/16/14 19:22	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/16/14 19:22	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/16/14 19:22	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/16/14 19:22	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/16/14 19:22	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/16/14 19:22	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/16/14 19:22	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	05/16/14 19:22	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/16/14 19:22	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/16/14 19:22	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/16/14 19:22	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/16/14 19:22	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/16/14 19:22	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/16/14 19:22	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/16/14 19:22	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/16/14 19:22	
2-Chlorotoluene	ug/L	<0.50	1.0	05/16/14 19:22	
4-Chlorotoluene	ug/L	<0.21	1.0	05/16/14 19:22	
Benzene	ug/L	<0.50	1.0	05/16/14 19:22	
Bromobenzene	ug/L	<0.23	1.0	05/16/14 19:22	
Bromochloromethane	ug/L	<0.32	1.0	05/16/14 19:22	
Bromodichloromethane	ug/L	<0.50	1.0	05/16/14 19:22	
Bromoform	ug/L	<0.50	1.0	05/16/14 19:22	
Bromomethane	ug/L	<2.4	5.0	05/16/14 19:22	
Carbon tetrachloride	ug/L	<0.50	1.0	05/16/14 19:22	
Chlorobenzene	ug/L	<0.50	1.0	05/16/14 19:22	
Chloroethane	ug/L	<0.37	1.0	05/16/14 19:22	
Chloroform	ug/L	<2.5	5.0	05/16/14 19:22	
Chloromethane	ug/L	<0.50	1.0	05/16/14 19:22	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/16/14 19:22	
cis-1,3-Dichloropropene	ug/L	<0.15	1.0	05/16/14 19:22	
Dibromochloromethane	ug/L	<0.32	1.0	05/16/14 19:22	
Dibromomethane	ug/L	<0.43	1.0	05/16/14 19:22	
Dichlorodifluoromethane	ug/L	<0.16	1.0	05/16/14 19:22	
Diisopropyl ether	ug/L	<0.50	1.0	05/16/14 19:22	
Ethylbenzene	ug/L	<0.50	1.0	05/16/14 19:22	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/16/14 19:22	
Isopropylbenzene (Cumene)	ug/L	<0.12	1.0	05/16/14 19:22	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

METHOD BLANK: 972829 Matrix: Water
Associated Lab Samples: 4096335004, 4096335005, 4096335006, 4096335007, 4096335008, 4096335009, 4096335010, 4096335011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.0	2.0	05/16/14 19:22	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/16/14 19:22	
Methylene Chloride	ug/L	<0.23	1.0	05/16/14 19:22	
n-Butylbenzene	ug/L	<0.22	1.0	05/16/14 19:22	
n-Propylbenzene	ug/L	<0.50	1.0	05/16/14 19:22	
Naphthalene	ug/L	<2.5	5.0	05/16/14 19:22	
o-Xylene	ug/L	<0.50	1.0	05/16/14 19:22	
p-Isopropyltoluene	ug/L	<0.13	1.0	05/16/14 19:22	
sec-Butylbenzene	ug/L	<2.2	5.0	05/16/14 19:22	
Styrene	ug/L	<0.15	1.0	05/16/14 19:22	
tert-Butylbenzene	ug/L	<0.18	1.0	05/16/14 19:22	
Tetrachloroethene	ug/L	<0.50	1.0	05/16/14 19:22	
Toluene	ug/L	<0.50	1.0	05/16/14 19:22	
trans-1,2-Dichloroethene	ug/L	<0.24	1.0	05/16/14 19:22	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/16/14 19:22	
Trichloroethene	ug/L	<0.33	1.0	05/16/14 19:22	
Trichlorofluoromethane	ug/L	<0.17	1.0	05/16/14 19:22	
Vinyl chloride	ug/L	<0.18	1.0	05/16/14 19:22	
4-Bromofluorobenzene (S)	%	88	59-130	05/16/14 19:22	
Dibromofluoromethane (S)	%	109	70-130	05/16/14 19:22	
Toluene-d8 (S)	%	99	70-130	05/16/14 19:22	

LABORATORY CONTROL SAMPLE & LCSD: 972830 972831

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.1	54.0	106	108	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	52.6	51.5	105	103	70-130	2	20	
1,1,2-Trichloroethane	ug/L	50	51.5	53.0	103	106	70-130	3	20	
1,1-Dichloroethane	ug/L	50	53.0	54.8	106	110	70-130	3	20	
1,1-Dichloroethene	ug/L	50	55.5	56.4	111	113	70-132	2	20	
1,2,4-Trichlorobenzene	ug/L	50	48.8	50.1	98	100	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	38.9	39.2	78	78	50-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	52.0	103	104	70-130	1	20	
1,2-Dichlorobenzene	ug/L	50	52.6	53.0	105	106	70-130	1	20	
1,2-Dichloroethane	ug/L	50	52.3	52.9	105	106	70-130	1	20	
1,2-Dichloropropane	ug/L	50	57.7	57.3	115	115	70-130	1	20	
1,3-Dichlorobenzene	ug/L	50	50.9	51.7	102	103	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	52.8	54.0	106	108	70-130	2	20	
Benzene	ug/L	50	53.5	54.4	107	109	70-130	2	20	
Bromodichloromethane	ug/L	50	53.1	53.4	106	107	70-130	0	20	
Bromoform	ug/L	50	43.1	43.8	86	88	70-130	2	20	
Bromomethane	ug/L	50	41.7	47.9	83	96	34-157	14	20	
Carbon tetrachloride	ug/L	50	58.0	60.5	116	121	70-132	4	20	
Chlorobenzene	ug/L	50	54.4	54.9	109	110	70-130	1	20	
Chloroethane	ug/L	50	55.3	56.3	111	113	60-143	2	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

LABORATORY CONTROL SAMPLE & LCSD: 972830 972831

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	52.0	53.2	104	106	70-130	2	20	
Chloromethane	ug/L	50	45.6	47.6	91	95	43-148	4	20	
cis-1,2-Dichloroethene	ug/L	50	50.0	51.1	100	102	51-133	2	20	
cis-1,3-Dichloropropene	ug/L	50	44.1	45.0	88	90	70-130	2	20	
Dibromochloromethane	ug/L	50	45.5	46.5	91	93	70-130	2	20	
Dichlorodifluoromethane	ug/L	50	43.2	44.6	86	89	10-174	3	20	
Ethylbenzene	ug/L	50	54.9	56.3	110	113	70-130	3	20	
Isopropylbenzene (Cumene)	ug/L	50	57.6	59.4	115	119	70-136	3	20	
m&p-Xylene	ug/L	100	113	116	113	116	70-131	3	20	
Methyl-tert-butyl ether	ug/L	50	47.3	47.3	95	95	54-139	0	20	
Methylene Chloride	ug/L	50	57.5	58.5	115	117	70-130	2	20	
o-Xylene	ug/L	50	55.2	56.8	110	114	70-130	3	20	
Styrene	ug/L	50	57.7	58.7	115	117	70-130	2	20	
Tetrachloroethene	ug/L	50	52.4	53.4	105	107	70-130	2	20	
Toluene	ug/L	50	53.9	55.1	108	110	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	50	55.8	55.3	112	111	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	43.7	44.8	87	90	70-130	3	20	
Trichloroethene	ug/L	50	54.1	54.7	108	109	70-130	1	20	
Trichlorofluoromethane	ug/L	50	53.5	54.8	107	110	50-150	2	20	
Vinyl chloride	ug/L	50	52.5	54.4	105	109	59-157	3	20	
4-Bromofluorobenzene (S)	%				102	104	59-130			
Dibromofluoromethane (S)	%				103	104	70-130			
Toluene-d8 (S)	%				100	102	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 972874 972875

Parameter	Units	4096337007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	53.0	52.5	106	105	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	51.9	51.9	104	104	70-130	0	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	51.1	52.0	102	104	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.16	50	50	56.0	53.3	112	107	70-130	5	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	53.2	53.4	106	107	70-138	0	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	49.6	49.8	99	100	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	39.1	40.4	78	81	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	49.9	51.0	100	102	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.5	52.9	105	106	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	52.2	51.8	104	104	70-130	1	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	57.1	57.6	114	115	70-130	1	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.9	51.8	102	104	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	53.5	54.1	107	108	70-130	1	20	
Benzene	ug/L	<0.50	50	50	53.6	53.4	107	107	70-130	0	20	
Bromodichloromethane	ug/L	<0.50	50	50	52.6	53.3	105	107	70-130	1	20	
Bromoform	ug/L	<0.50	50	50	40.4	39.1	81	78	70-130	3	20	
Bromomethane	ug/L	<2.4	50	50	47.6	48.9	95	98	34-159	3	20	
Carbon tetrachloride	ug/L	<0.50	50	50	57.5	58.2	115	116	70-132	1	20	
Chlorobenzene	ug/L	<0.50	50	50	53.3	54.5	107	109	70-130	2	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 972874 972875

Parameter	Units	4096337007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	<0.37	50	50	58.8	55.7	118	111	60-143	5	20	
Chloroform	ug/L	<2.5	50	50	51.8	52.2	104	104	70-130	1	20	
Chloromethane	ug/L	<0.50	50	50	43.7	46.2	87	92	43-149	6	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	50.1	50.2	100	100	48-137	0	33	
cis-1,3-Dichloropropene	ug/L	<0.15	50	50	44.8	40.5	90	81	70-130	10	20	
Dibromochloromethane	ug/L	<0.32	50	50	44.6	42.9	89	86	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.16	50	50	42.4	42.0	85	84	10-174	1	20	
Ethylbenzene	ug/L	<0.50	50	50	51.9	53.2	104	106	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.12	50	50	54.1	55.6	108	111	70-136	3	20	
m&p-Xylene	ug/L	<1.0	100	100	93.9	96.6	94	97	70-135	3	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	46.9	46.1	94	92	54-139	2	20	
Methylene Chloride	ug/L	<0.23	50	50	57.7	57.4	115	115	70-133	0	20	
o-Xylene	ug/L	<0.50	50	50	47.0	48.4	94	97	70-130	3	20	
Styrene	ug/L	<0.15	50	50	25.0	26.1	50	52	70-130	4	20	M1
Tetrachloroethene	ug/L	<0.50	50	50	50.9	51.8	102	104	70-130	2	20	
Toluene	ug/L	<0.50	50	50	51.1	51.9	102	104	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.24	50	50	53.5	54.4	107	109	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	42.6	39.6	85	79	70-130	7	20	
Trichloroethene	ug/L	<0.33	50	50	53.7	53.4	107	107	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.17	50	50	52.8	52.9	106	106	50-150	0	20	
Vinyl chloride	ug/L	<0.18	50	50	51.5	52.7	103	105	59-158	2	20	
4-Bromofluorobenzene (S)	%						101	102	59-130			
Dibromofluoromethane (S)	%						104	102	70-130			
Toluene-d8 (S)	%						98	99	70-130			

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 4096335

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4096335001	**MW-1**	EPA 8260	MSV/24192		
4096335002	**MW-2**	EPA 8260	MSV/24192		
4096335003	**MW-3**	EPA 8260	MSV/24192		
4096335004	**MW-4**	EPA 8260	MSV/24193		
4096335005	**MW-5**	EPA 8260	MSV/24193		
4096335006	**MW-6**	EPA 8260	MSV/24193		
4096335007	**MW-7**	EPA 8260	MSV/24193		
4096335008	**MW-8**	EPA 8260	MSV/24193		
4096335009	**MW-9**	EPA 8260	MSV/24193		
4096335010	**DUP #1**	EPA 8260	MSV/24193		
4096335011	**TRIP BLANK**	EPA 8260	MSV/24193		

Pace Analytical®
www.pacelabs.com

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

KRV 4096335

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

(Please Print Clearly)	
Company Name:	SHANNON & WILSON
Branch/Location:	MADISON, WI
Project Contact:	MARK McCOLLOCH
Phone:	608-442-5223 (8157)
Project Number:	42-1-37405
Project Name:	UNITED DRY CLEANERS
Project State:	WISCONSIN
Sampled By (Print):	MARK S. McCOLLOCH
Sampled By (Sign):	Mark S McCollich
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	MARK McCOLLOCH
Mail To Company:	SHANNON & WILSON
Mail To Address:	2110 LUANN LANE SUITE 101 MADISON, WI 53713
Invoice To Contact:	MARK McCOLLOCH
Invoice To Company:	SHANNON & WILSON
Invoice To Address:	2110 LUANN LANE SUITE 101 MADISON, WI 53713
Invoice To Phone:	608/442-5223 8157

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: 40mL VOA vials	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	05/14	1330	GW	N	HCL	3		3-40mL B	
002	MW-2		1210				3			
003	MW-3		1145				3			
004	MW-4		1130				3			
005	MW-5		1255				3			
006	MW-6		1030				3			
007	MW-7		1015				3			
008	MW-8		0930				3			
009	MW-9		0920				3			
010	DUP #1		—				3			
011	TRIP BLANK		—				2		2-40mL B	

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
Mark S McCollich	05-14-14 1552	[illegible]	5/14/14 1552

PACE Project No.: 4096335

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / ~~Not Present~~ Intact / ~~Not Intact~~

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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

Pace Analytical™

Project #: **WO# : 4096335**

4096335

Client Name: Shannon & Wilson

Courier: ☐ Fed Ex ☐ UPS ☑ 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 N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: R01 /Corr: _____ **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 5/14/14
Initials: MH

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☑No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☑No ☐N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: (VOA), coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☑Yes ☐No ☐N/A	15.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): Covered		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: MAT for DM **Date:** 5.14.14

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

August 29, 2014

Mark McColloch
SHANNON & WILSON, INC.
2110 Luann Lane
Suite 101
Madison, WI 53713

RE: Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Dear Mark McColloch:
Enclosed are the analytical results for sample(s) received by the laboratory on August 19, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40101865001	**MW-1**	Water	08/19/14 11:55	08/19/14 14:00
40101865002	**MW-2**	Water	08/19/14 10:55	08/19/14 14:00
40101865003	**MW-3**	Water	08/19/14 10:45	08/19/14 14:00
40101865004	**MW-4**	Water	08/19/14 10:20	08/19/14 14:00
40101865005	**MW-5**	Water	08/19/14 11:35	08/19/14 14:00
40101865006	**MW-6**	Water	08/19/14 09:45	08/19/14 14:00
40101865007	**MW-7**	Water	08/19/14 09:35	08/19/14 14:00
40101865008	**MW-8**	Water	08/19/14 08:55	08/19/14 14:00
40101865009	**MW-9**	Water	08/19/14 08:50	08/19/14 14:00
40101865010	**DUP #1**	Water	08/19/14 00:00	08/19/14 14:00
40101865011	**TRIP BLANK**	Water	08/19/14 00:00	08/19/14 14:00

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SAMPLE ANALYTE COUNT

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40101865001	**MW-1**	EPA 8260	LAP	64
40101865002	**MW-2**	EPA 8260	LAP	64
40101865003	**MW-3**	EPA 8260	LAP	64
40101865004	**MW-4**	EPA 8260	LAP	64
40101865005	**MW-5**	EPA 8260	LAP	64
40101865006	**MW-6**	EPA 8260	LAP	64
40101865007	**MW-7**	EPA 8260	LAP	64
40101865008	**MW-8**	EPA 8260	LAP	64
40101865009	**MW-9**	EPA 8260	LAP	64
40101865010	**DUP #1**	EPA 8260	LAP	64
40101865011	**TRIP BLANK**	EPA 8260	LAP	64

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SUMMARY OF DETECTION

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40101865001	**MW-1**					
EPA 8260	Tetrachloroethene	25.5	ug/L	1.0	08/21/14 08:30	
40101865002	**MW-2**					
EPA 8260	Tetrachloroethene	10.8	ug/L	1.0	08/21/14 08:53	
40101865003	**MW-3**					
EPA 8260	Tetrachloroethene	4.8	ug/L	1.0	08/21/14 08:08	
40101865004	**MW-4**					
EPA 8260	1,2-Dichlorobenzene	1.1	ug/L	1.0	08/21/14 11:04	
EPA 8260	Tetrachloroethene	0.69J	ug/L	1.0	08/21/14 11:04	
40101865005	**MW-5**					
EPA 8260	Tetrachloroethene	18.7	ug/L	1.0	08/21/14 11:26	
40101865006	**MW-6**					
EPA 8260	Tetrachloroethene	22.7	ug/L	1.0	08/21/14 12:11	
40101865007	**MW-7**					
EPA 8260	Tetrachloroethene	21.4	ug/L	1.0	08/21/14 12:34	
40101865008	**MW-8**					
EPA 8260	Tetrachloroethene	2.1	ug/L	1.0	08/21/14 12:56	
40101865010	**DUP #1**					
EPA 8260	Tetrachloroethene	17.9	ug/L	1.0	08/23/14 12:31	

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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-1 **Lab ID: 40101865001** Collected: 08/19/14 11:55 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/21/14 08:30	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/21/14 08:30	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/21/14 08:30	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/21/14 08:30	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/21/14 08:30	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/21/14 08:30	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 08:30	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 08:30	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/21/14 08:30	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/21/14 08:30	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 08:30	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:30	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/21/14 08:30	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/21/14 08:30	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:30	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/21/14 08:30	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/21/14 08:30	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/21/14 08:30	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/21/14 08:30	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/21/14 08:30	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/21/14 08:30	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 08:30	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/21/14 08:30	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/21/14 08:30	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:30	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/21/14 08:30	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	100-42-5	
Tetrachloroethene	**25.5**	ug/L	1.0	0.50	1		08/21/14 08:30	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-1 **Lab ID: 40101865001** Collected: 08/19/14 11:55 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/21/14 08:30	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 08:30	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/21/14 08:30	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 08:30	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/21/14 08:30	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:30	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 08:30	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/21/14 08:30	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 08:30	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:30	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	59-130		1		08/21/14 08:30	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		08/21/14 08:30	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		08/21/14 08:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-2 **Lab ID: 40101865002** Collected: 08/19/14 10:55 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/21/14 08:53	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/21/14 08:53	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/21/14 08:53	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/21/14 08:53	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/21/14 08:53	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/21/14 08:53	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 08:53	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 08:53	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/21/14 08:53	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/21/14 08:53	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 08:53	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:53	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/21/14 08:53	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/21/14 08:53	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:53	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/21/14 08:53	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/21/14 08:53	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/21/14 08:53	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/21/14 08:53	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/21/14 08:53	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/21/14 08:53	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 08:53	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/21/14 08:53	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/21/14 08:53	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:53	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/21/14 08:53	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	100-42-5	
Tetrachloroethene	**10.8**	ug/L	1.0	0.50	1		08/21/14 08:53	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-2 **Lab ID: 40101865002** Collected: 08/19/14 10:55 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/21/14 08:53	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 08:53	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/21/14 08:53	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 08:53	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/21/14 08:53	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:53	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 08:53	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/21/14 08:53	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 08:53	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:53	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	59-130		1		08/21/14 08:53	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		08/21/14 08:53	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		08/21/14 08:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-3 **Lab ID: 40101865003** Collected: 08/19/14 10:45 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/21/14 08:08	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/21/14 08:08	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/21/14 08:08	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/21/14 08:08	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/21/14 08:08	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/21/14 08:08	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 08:08	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 08:08	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/21/14 08:08	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/21/14 08:08	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 08:08	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:08	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/21/14 08:08	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/21/14 08:08	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:08	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/21/14 08:08	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/21/14 08:08	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/21/14 08:08	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/21/14 08:08	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/21/14 08:08	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/21/14 08:08	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 08:08	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/21/14 08:08	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/21/14 08:08	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:08	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/21/14 08:08	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	100-42-5	
Tetrachloroethene	**4.8**	ug/L	1.0	0.50	1		08/21/14 08:08	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-3 **Lab ID: 40101865003** Collected: 08/19/14 10:45 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/21/14 08:08	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 08:08	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/21/14 08:08	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 08:08	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/21/14 08:08	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 08:08	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 08:08	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/21/14 08:08	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 08:08	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 08:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	59-130		1		08/21/14 08:08	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		08/21/14 08:08	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		08/21/14 08:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-4 **Lab ID: 40101865004** Collected: 08/19/14 10:20 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/21/14 11:04	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/21/14 11:04	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/21/14 11:04	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/21/14 11:04	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/21/14 11:04	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/21/14 11:04	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 11:04	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 11:04	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/21/14 11:04	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/21/14 11:04	106-93-4	
1,2-Dichlorobenzene	**1.1**	ug/L	1.0	0.50	1		08/21/14 11:04	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 11:04	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/21/14 11:04	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/21/14 11:04	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/21/14 11:04	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 11:04	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/21/14 11:04	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/21/14 11:04	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/21/14 11:04	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/21/14 11:04	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/21/14 11:04	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/21/14 11:04	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 11:04	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/21/14 11:04	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/21/14 11:04	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/21/14 11:04	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/21/14 11:04	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	100-42-5	
Tetrachloroethene	**0.69J**	ug/L	1.0	0.50	1		08/21/14 11:04	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-4 **Lab ID: 40101865004** Collected: 08/19/14 10:20 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/21/14 11:04	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 11:04	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/21/14 11:04	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 11:04	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/21/14 11:04	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:04	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 11:04	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/21/14 11:04	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 11:04	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 11:04	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	59-130		1		08/21/14 11:04	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		08/21/14 11:04	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		08/21/14 11:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-5 **Lab ID: 40101865005** Collected: 08/19/14 11:35 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/21/14 11:26	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/21/14 11:26	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/21/14 11:26	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/21/14 11:26	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/21/14 11:26	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/21/14 11:26	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 11:26	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 11:26	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/21/14 11:26	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/21/14 11:26	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 11:26	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/21/14 11:26	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/21/14 11:26	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/21/14 11:26	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 11:26	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/21/14 11:26	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/21/14 11:26	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/21/14 11:26	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/21/14 11:26	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/21/14 11:26	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/21/14 11:26	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 11:26	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/21/14 11:26	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/21/14 11:26	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/21/14 11:26	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/21/14 11:26	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	100-42-5	
Tetrachloroethene	**18.7**	ug/L	1.0	0.50	1		08/21/14 11:26	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-5 **Lab ID: 40101865005** Collected: 08/19/14 11:35 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/21/14 11:26	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 11:26	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/21/14 11:26	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 11:26	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/21/14 11:26	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 11:26	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 11:26	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/21/14 11:26	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 11:26	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 11:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	59-130		1		08/21/14 11:26	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		08/21/14 11:26	1868-53-7	
Toluene-d8 (S)	109	%	70-130		1		08/21/14 11:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-6 **Lab ID: 40101865006** Collected: 08/19/14 09:45 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/21/14 12:11	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/21/14 12:11	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/21/14 12:11	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/21/14 12:11	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/21/14 12:11	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/21/14 12:11	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 12:11	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 12:11	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/21/14 12:11	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/21/14 12:11	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 12:11	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:11	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/21/14 12:11	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/21/14 12:11	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:11	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/21/14 12:11	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/21/14 12:11	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/21/14 12:11	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/21/14 12:11	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/21/14 12:11	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/21/14 12:11	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 12:11	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/21/14 12:11	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/21/14 12:11	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:11	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/21/14 12:11	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	100-42-5	
Tetrachloroethene	**22.7**	ug/L	1.0	0.50	1		08/21/14 12:11	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-6 **Lab ID: 40101865006** Collected: 08/19/14 09:45 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/21/14 12:11	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 12:11	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/21/14 12:11	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 12:11	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/21/14 12:11	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:11	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 12:11	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/21/14 12:11	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 12:11	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:11	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	59-130		1		08/21/14 12:11	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		08/21/14 12:11	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		08/21/14 12:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-7 **Lab ID: 40101865007** Collected: 08/19/14 09:35 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/21/14 12:34	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/21/14 12:34	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/21/14 12:34	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/21/14 12:34	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/21/14 12:34	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/21/14 12:34	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 12:34	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 12:34	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/21/14 12:34	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/21/14 12:34	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 12:34	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:34	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/21/14 12:34	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/21/14 12:34	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:34	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/21/14 12:34	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/21/14 12:34	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/21/14 12:34	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/21/14 12:34	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/21/14 12:34	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/21/14 12:34	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 12:34	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/21/14 12:34	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/21/14 12:34	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:34	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/21/14 12:34	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	100-42-5	
Tetrachloroethene	**21.4**	ug/L	1.0	0.50	1		08/21/14 12:34	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-7 **Lab ID: 40101865007** Collected: 08/19/14 09:35 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/21/14 12:34	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 12:34	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/21/14 12:34	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 12:34	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/21/14 12:34	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:34	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 12:34	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/21/14 12:34	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 12:34	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	59-130		1		08/21/14 12:34	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		08/21/14 12:34	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		08/21/14 12:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-8 **Lab ID: 40101865008** Collected: 08/19/14 08:55 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/21/14 12:56	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/21/14 12:56	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/21/14 12:56	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/21/14 12:56	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/21/14 12:56	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/21/14 12:56	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 12:56	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 12:56	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/21/14 12:56	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/21/14 12:56	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 12:56	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:56	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/21/14 12:56	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/21/14 12:56	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:56	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/21/14 12:56	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/21/14 12:56	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/21/14 12:56	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/21/14 12:56	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/21/14 12:56	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/21/14 12:56	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/21/14 12:56	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/21/14 12:56	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/21/14 12:56	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:56	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/21/14 12:56	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	100-42-5	
Tetrachloroethene	**2.1**	ug/L	1.0	0.50	1		08/21/14 12:56	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-8 **Lab ID: 40101865008** Collected: 08/19/14 08:55 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/21/14 12:56	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/21/14 12:56	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/21/14 12:56	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 12:56	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/21/14 12:56	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/21/14 12:56	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/21/14 12:56	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/21/14 12:56	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/21/14 12:56	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/21/14 12:56	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	59-130		1		08/21/14 12:56	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		08/21/14 12:56	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		08/21/14 12:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-9 **Lab ID: 40101865009** Collected: 08/19/14 08:50 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/23/14 16:20	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/23/14 16:20	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/23/14 16:20	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/23/14 16:20	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/23/14 16:20	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/23/14 16:20	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/23/14 16:20	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/23/14 16:20	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/23/14 16:20	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/23/14 16:20	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/23/14 16:20	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/23/14 16:20	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/23/14 16:20	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/23/14 16:20	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/23/14 16:20	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/23/14 16:20	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/23/14 16:20	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/23/14 16:20	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/23/14 16:20	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/23/14 16:20	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/23/14 16:20	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/23/14 16:20	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/23/14 16:20	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/23/14 16:20	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/23/14 16:20	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/23/14 16:20	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: MW-9 **Lab ID: 40101865009** Collected: 08/19/14 08:50 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/23/14 16:20	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/23/14 16:20	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/23/14 16:20	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/23/14 16:20	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/23/14 16:20	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 16:20	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/23/14 16:20	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/23/14 16:20	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/23/14 16:20	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/23/14 16:20	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	59-130		1		08/23/14 16:20	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		08/23/14 16:20	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		08/23/14 16:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: DUP #1 **Lab ID: 40101865010** Collected: 08/19/14 00:00 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/23/14 12:31	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/23/14 12:31	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/23/14 12:31	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/23/14 12:31	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/23/14 12:31	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/23/14 12:31	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/23/14 12:31	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/23/14 12:31	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/23/14 12:31	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/23/14 12:31	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/23/14 12:31	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/23/14 12:31	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/23/14 12:31	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/23/14 12:31	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/23/14 12:31	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/23/14 12:31	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/23/14 12:31	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/23/14 12:31	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/23/14 12:31	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/23/14 12:31	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/23/14 12:31	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/23/14 12:31	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/23/14 12:31	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/23/14 12:31	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/23/14 12:31	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/23/14 12:31	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	100-42-5	
Tetrachloroethene	**17.9**	ug/L	1.0	0.50	1		08/23/14 12:31	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: DUP #1 **Lab ID: 40101865010** Collected: 08/19/14 00:00 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/23/14 12:31	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/23/14 12:31	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/23/14 12:31	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/23/14 12:31	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/23/14 12:31	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 12:31	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/23/14 12:31	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/23/14 12:31	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/23/14 12:31	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/23/14 12:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	59-130		1		08/23/14 12:31	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		08/23/14 12:31	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/23/14 12:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: TRIP BLANK **Lab ID: 40101865011** Collected: 08/19/14 00:00 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/23/14 15:35	630-20-6	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/23/14 15:35	79-34-5	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		08/23/14 15:35	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/23/14 15:35	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/23/14 15:35	75-35-4	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/23/14 15:35	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/23/14 15:35	87-61-6	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/23/14 15:35	120-82-1	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/23/14 15:35	96-12-8	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		08/23/14 15:35	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/23/14 15:35	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/23/14 15:35	78-87-5	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	108-67-8	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	541-73-1	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	142-28-9	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	106-46-7	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/23/14 15:35	594-20-7	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/23/14 15:35	106-43-4	
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/23/14 15:35	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/23/14 15:35	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/23/14 15:35	74-83-9	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/23/14 15:35	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/23/14 15:35	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/23/14 15:35	74-95-3	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		08/23/14 15:35	75-71-8	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/23/14 15:35	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/23/14 15:35	98-82-8	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/23/14 15:35	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/23/14 15:35	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/23/14 15:35	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Sample: TRIP BLANK **Lab ID: 40101865011** Collected: 08/19/14 00:00 Received: 08/19/14 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/23/14 15:35	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		08/23/14 15:35	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/23/14 15:35	75-01-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/23/14 15:35	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	10061-01-5	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/23/14 15:35	179601-23-1	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	104-51-8	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	103-65-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	95-47-6	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/23/14 15:35	99-87-6	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/23/14 15:35	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/23/14 15:35	98-06-6	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/23/14 15:35	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/23/14 15:35	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	59-130		1		08/23/14 15:35	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		08/23/14 15:35	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/23/14 15:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

QC Batch: MSV/25417 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40101865001, 40101865002, 40101865003, 40101865004, 40101865005, 40101865006, 40101865007, 40101865008

METHOD BLANK: 1029086 Matrix: Water
Associated Lab Samples: 40101865001, 40101865002, 40101865003, 40101865004, 40101865005, 40101865006, 40101865007, 40101865008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/21/14 05:53	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/21/14 05:53	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/21/14 05:53	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	08/21/14 05:53	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/21/14 05:53	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/21/14 05:53	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/21/14 05:53	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/21/14 05:53	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/21/14 05:53	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/21/14 05:53	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/21/14 05:53	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/21/14 05:53	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	08/21/14 05:53	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/21/14 05:53	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/21/14 05:53	
1,2-Dichloropropane	ug/L	<0.23	1.0	08/21/14 05:53	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/21/14 05:53	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/21/14 05:53	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/21/14 05:53	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/21/14 05:53	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/21/14 05:53	
2-Chlorotoluene	ug/L	<0.50	1.0	08/21/14 05:53	
4-Chlorotoluene	ug/L	<0.21	1.0	08/21/14 05:53	
Benzene	ug/L	<0.50	1.0	08/21/14 05:53	
Bromobenzene	ug/L	<0.23	1.0	08/21/14 05:53	
Bromochloromethane	ug/L	<0.34	1.0	08/21/14 05:53	
Bromodichloromethane	ug/L	<0.50	1.0	08/21/14 05:53	
Bromoform	ug/L	<0.50	1.0	08/21/14 05:53	
Bromomethane	ug/L	<2.4	5.0	08/21/14 05:53	
Carbon tetrachloride	ug/L	<0.50	1.0	08/21/14 05:53	
Chlorobenzene	ug/L	<0.50	1.0	08/21/14 05:53	
Chloroethane	ug/L	<0.37	1.0	08/21/14 05:53	
Chloroform	ug/L	<2.5	5.0	08/21/14 05:53	
Chloromethane	ug/L	<0.50	1.0	08/21/14 05:53	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/21/14 05:53	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/21/14 05:53	
Dibromochloromethane	ug/L	<0.50	1.0	08/21/14 05:53	
Dibromomethane	ug/L	<0.43	1.0	08/21/14 05:53	
Dichlorodifluoromethane	ug/L	<0.20	1.0	08/21/14 05:53	
Diisopropyl ether	ug/L	<0.50	1.0	08/21/14 05:53	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

METHOD BLANK: 1029086 Matrix: Water
Associated Lab Samples: 40101865001, 40101865002, 40101865003, 40101865004, 40101865005, 40101865006, 40101865007, 40101865008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	08/21/14 05:53	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/21/14 05:53	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/21/14 05:53	
m&p-Xylene	ug/L	<1.0	2.0	08/21/14 05:53	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/21/14 05:53	
Methylene Chloride	ug/L	<0.23	1.0	08/21/14 05:53	
n-Butylbenzene	ug/L	<0.50	1.0	08/21/14 05:53	
n-Propylbenzene	ug/L	<0.50	1.0	08/21/14 05:53	
Naphthalene	ug/L	<2.5	5.0	08/21/14 05:53	
o-Xylene	ug/L	<0.50	1.0	08/21/14 05:53	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/21/14 05:53	
sec-Butylbenzene	ug/L	<2.2	5.0	08/21/14 05:53	
Styrene	ug/L	<0.50	1.0	08/21/14 05:53	
tert-Butylbenzene	ug/L	<0.18	1.0	08/21/14 05:53	
Tetrachloroethene	ug/L	<0.50	1.0	08/21/14 05:53	
Toluene	ug/L	<0.50	1.0	08/21/14 05:53	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	08/21/14 05:53	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/21/14 05:53	
Trichloroethene	ug/L	<0.33	1.0	08/21/14 05:53	
Trichlorofluoromethane	ug/L	<0.17	1.0	08/21/14 05:53	
Vinyl chloride	ug/L	<0.18	1.0	08/21/14 05:53	
4-Bromofluorobenzene (S)	%	84	59-130	08/21/14 05:53	
Dibromofluoromethane (S)	%	108	70-130	08/21/14 05:53	
Toluene-d8 (S)	%	105	70-130	08/21/14 05:53	

LABORATORY CONTROL SAMPLE & LCSD: 1029087 1029088

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	59.8	60.1	120	120	70-130	0	20	
1,1,2,2-Tetrachloroethane	ug/L	50	53.5	54.4	107	109	70-130	2	20	
1,1,2-Trichloroethane	ug/L	50	55.2	56.5	110	113	70-130	2	20	
1,1-Dichloroethane	ug/L	50	59.9	59.9	120	120	70-130	0	20	
1,1-Dichloroethene	ug/L	50	53.7	53.2	107	106	70-132	1	20	
1,2,4-Trichlorobenzene	ug/L	50	44.2	44.2	88	88	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	50	50.5	53.2	101	106	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	50	56.6	56.0	113	112	70-130	1	20	
1,2-Dichlorobenzene	ug/L	50	53.7	53.8	107	108	70-130	0	20	
1,2-Dichloroethane	ug/L	50	60.8	59.5	122	119	70-130	2	20	
1,2-Dichloropropane	ug/L	50	57.6	55.9	115	112	70-130	3	20	
1,3-Dichlorobenzene	ug/L	50	50.9	50.6	102	101	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	52.5	53.1	105	106	70-130	1	20	
Benzene	ug/L	50	62.4	58.8	125	118	70-130	6	20	
Bromodichloromethane	ug/L	50	55.7	57.1	111	114	70-130	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

LABORATORY CONTROL SAMPLE & LCSD: 1029087 1029088

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Bromoform	ug/L	50	45.8	45.4	92	91	70-130	1	20	
Bromomethane	ug/L	50	22.2	29.3	44	59	34-157	28	20	R1
Carbon tetrachloride	ug/L	50	60.1	59.3	120	119	70-132	1	20	
Chlorobenzene	ug/L	50	53.1	54.0	106	108	70-130	2	20	
Chloroethane	ug/L	50	50.9	52.8	102	106	60-143	4	20	
Chloroform	ug/L	50	57.4	57.4	115	115	70-130	0	20	
Chloromethane	ug/L	50	33.5	36.5	67	73	43-148	9	20	
cis-1,2-Dichloroethene	ug/L	50	55.5	55.5	111	111	51-133	0	20	
cis-1,3-Dichloropropene	ug/L	50	55.3	55.8	111	112	70-130	1	20	
Dibromochloromethane	ug/L	50	57.3	58.3	115	117	70-130	2	20	
Dichlorodifluoromethane	ug/L	50	29.2	30.2	58	60	10-174	3	20	
Ethylbenzene	ug/L	50	56.6	57.0	113	114	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	50	54.6	54.2	109	108	70-136	1	20	
m&p-Xylene	ug/L	100	115	114	115	114	70-131	1	20	
Methyl-tert-butyl ether	ug/L	50	56.2	55.8	112	112	54-139	1	20	
Methylene Chloride	ug/L	50	53.9	55.1	108	110	70-130	2	20	
o-Xylene	ug/L	50	55.5	56.0	111	112	70-130	1	20	
Styrene	ug/L	50	52.3	52.7	105	105	70-130	1	20	
Tetrachloroethene	ug/L	50	52.6	53.7	105	107	70-130	2	20	
Toluene	ug/L	50	57.4	58.2	115	116	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	56.8	58.3	114	117	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	50	55.2	54.6	110	109	70-130	1	20	
Trichloroethene	ug/L	50	56.2	55.9	112	112	70-130	1	20	
Trichlorofluoromethane	ug/L	50	52.3	53.5	105	107	50-150	2	20	
Vinyl chloride	ug/L	50	45.4	45.5	91	91	59-157	0	20	
4-Bromofluorobenzene (S)	%				100	102	59-130			
Dibromofluoromethane (S)	%				107	111	70-130			
Toluene-d8 (S)	%				103	104	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1030007 1030008

Parameter	Units	40101865003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	57.7	60.3	115	121	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	53.1	54.2	106	108	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	55.4	55.0	111	110	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	57.3	62.1	115	124	70-130	8	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	50.1	55.4	100	111	70-138	10	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	43.0	44.4	86	89	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	48.2	50.9	96	102	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	53.9	52.7	108	105	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.4	51.6	105	103	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	56.7	59.9	113	120	70-130	6	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	54.0	55.4	108	111	70-130	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1030007 1030008

Parameter	Units	40101865003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/L	<0.50	50	50	49.8	49.6	100	99	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	50.1	49.9	100	100	70-130	0	20	
Benzene	ug/L	<0.50	50	50	58.5	59.6	117	119	70-130	2	20	
Bromodichloromethane	ug/L	<0.50	50	50	52.9	55.5	106	111	70-130	5	20	
Bromoform	ug/L	<0.50	50	50	44.3	45.1	89	90	70-130	2	20	
Bromomethane	ug/L	<2.4	50	50	25.4	28.2	51	56	34-159	11	20	
Carbon tetrachloride	ug/L	<0.50	50	50	57.0	61.3	114	123	70-132	7	20	
Chlorobenzene	ug/L	<0.50	50	50	54.0	52.0	108	104	70-130	4	20	
Chloroethane	ug/L	<0.37	50	50	46.6	49.9	93	100	60-143	7	20	
Chloroform	ug/L	<2.5	50	50	55.7	57.5	111	115	70-130	3	20	
Chloromethane	ug/L	<0.50	50	50	32.6	35.8	65	72	43-149	9	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	54.2	57.2	108	114	48-137	5	33	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	52.7	54.6	105	109	70-130	4	20	
Dibromochloromethane	ug/L	<0.50	50	50	56.1	54.2	112	108	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.20	50	50	25.5	27.4	51	55	10-174	7	20	
Ethylbenzene	ug/L	<0.50	50	50	55.6	55.8	111	112	70-130	0	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	54.0	52.8	108	106	70-136	2	20	
m&p-Xylene	ug/L	<1.0	100	100	109	110	109	110	70-135	2	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	53.1	57.3	106	115	54-139	7	20	
Methylene Chloride	ug/L	<0.23	50	50	53.2	57.1	106	114	70-133	7	20	
o-Xylene	ug/L	<0.50	50	50	54.7	54.9	109	110	70-130	0	20	
Styrene	ug/L	<0.50	50	50	51.1	51.4	102	103	70-130	1	20	
Tetrachloroethene	ug/L	4.8	50	50	56.7	55.9	104	102	70-130	1	20	
Toluene	ug/L	<0.50	50	50	55.8	55.9	112	112	70-130	0	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	54.1	58.6	108	117	70-130	8	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	52.5	52.8	105	106	70-130	1	20	
Trichloroethene	ug/L	<0.33	50	50	53.8	55.2	108	110	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.17	50	50	50.7	53.6	101	107	50-150	6	20	
Vinyl chloride	ug/L	<0.18	50	50	42.5	45.6	85	91	59-158	7	20	
4-Bromofluorobenzene (S)	%						102	101	59-130			
Dibromofluoromethane (S)	%						107	110	70-130			
Toluene-d8 (S)	%						106	103	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

QC Batch: MSV/25442 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40101865009, 40101865010, 40101865011

METHOD BLANK: 1030709 Matrix: Water
Associated Lab Samples: 40101865009, 40101865010, 40101865011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/23/14 09:28	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/23/14 09:28	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/23/14 09:28	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	08/23/14 09:28	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/23/14 09:28	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/23/14 09:28	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/23/14 09:28	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/23/14 09:28	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/23/14 09:28	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/23/14 09:28	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/23/14 09:28	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/23/14 09:28	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	08/23/14 09:28	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/23/14 09:28	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/23/14 09:28	
1,2-Dichloropropane	ug/L	<0.23	1.0	08/23/14 09:28	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/23/14 09:28	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/23/14 09:28	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/23/14 09:28	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/23/14 09:28	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/23/14 09:28	
2-Chlorotoluene	ug/L	<0.50	1.0	08/23/14 09:28	
4-Chlorotoluene	ug/L	<0.21	1.0	08/23/14 09:28	
Benzene	ug/L	<0.50	1.0	08/23/14 09:28	
Bromobenzene	ug/L	<0.23	1.0	08/23/14 09:28	
Bromochloromethane	ug/L	<0.34	1.0	08/23/14 09:28	
Bromodichloromethane	ug/L	<0.50	1.0	08/23/14 09:28	
Bromoform	ug/L	<0.50	1.0	08/23/14 09:28	
Bromomethane	ug/L	<2.4	5.0	08/23/14 09:28	
Carbon tetrachloride	ug/L	<0.50	1.0	08/23/14 09:28	
Chlorobenzene	ug/L	<0.50	1.0	08/23/14 09:28	
Chloroethane	ug/L	<0.37	1.0	08/23/14 09:28	
Chloroform	ug/L	<2.5	5.0	08/23/14 09:28	
Chloromethane	ug/L	<0.50	1.0	08/23/14 09:28	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/23/14 09:28	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/23/14 09:28	
Dibromochloromethane	ug/L	<0.50	1.0	08/23/14 09:28	
Dibromomethane	ug/L	<0.43	1.0	08/23/14 09:28	
Dichlorodifluoromethane	ug/L	<0.20	1.0	08/23/14 09:28	
Diisopropyl ether	ug/L	<0.50	1.0	08/23/14 09:28	
Ethylbenzene	ug/L	<0.50	1.0	08/23/14 09:28	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

METHOD BLANK: 1030709 Matrix: Water
Associated Lab Samples: 40101865009, 40101865010, 40101865011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/23/14 09:28	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/23/14 09:28	
m&p-Xylene	ug/L	<1.0	2.0	08/23/14 09:28	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/23/14 09:28	
Methylene Chloride	ug/L	<0.23	1.0	08/23/14 09:28	
n-Butylbenzene	ug/L	<0.50	1.0	08/23/14 09:28	
n-Propylbenzene	ug/L	<0.50	1.0	08/23/14 09:28	
Naphthalene	ug/L	<2.5	5.0	08/23/14 09:28	
o-Xylene	ug/L	<0.50	1.0	08/23/14 09:28	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/23/14 09:28	
sec-Butylbenzene	ug/L	<2.2	5.0	08/23/14 09:28	
Styrene	ug/L	<0.50	1.0	08/23/14 09:28	
tert-Butylbenzene	ug/L	<0.18	1.0	08/23/14 09:28	
Tetrachloroethene	ug/L	<0.50	1.0	08/23/14 09:28	
Toluene	ug/L	<0.50	1.0	08/23/14 09:28	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	08/23/14 09:28	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/23/14 09:28	
Trichloroethene	ug/L	<0.33	1.0	08/23/14 09:28	
Trichlorofluoromethane	ug/L	<0.17	1.0	08/23/14 09:28	
Vinyl chloride	ug/L	<0.18	1.0	08/23/14 09:28	
4-Bromofluorobenzene (S)	%	89	59-130	08/23/14 09:28	
Dibromofluoromethane (S)	%	108	70-130	08/23/14 09:28	
Toluene-d8 (S)	%	98	70-130	08/23/14 09:28	

LABORATORY CONTROL SAMPLE & LCSD: 1030710 1030711

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.5	53.5	111	107	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/L	50	53.1	51.5	106	103	70-130	3	20	
1,1,2-Trichloroethane	ug/L	50	52.3	50.4	105	101	70-130	4	20	
1,1-Dichloroethane	ug/L	50	54.2	52.2	108	104	70-130	4	20	
1,1-Dichloroethene	ug/L	50	46.4	46.1	93	92	70-132	1	20	
1,2,4-Trichlorobenzene	ug/L	50	52.8	51.8	106	104	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	47.2	90	94	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	50	53.0	50.7	106	101	70-130	4	20	
1,2-Dichlorobenzene	ug/L	50	52.6	50.2	105	100	70-130	5	20	
1,2-Dichloroethane	ug/L	50	53.7	52.1	107	104	70-130	3	20	
1,2-Dichloropropane	ug/L	50	56.1	54.4	112	109	70-130	3	20	
1,3-Dichlorobenzene	ug/L	50	51.8	49.6	104	99	70-130	4	20	
1,4-Dichlorobenzene	ug/L	50	52.4	49.8	105	100	70-130	5	20	
Benzene	ug/L	50	52.7	50.7	105	101	70-130	4	20	
Bromodichloromethane	ug/L	50	53.1	51.5	106	103	70-130	3	20	
Bromoform	ug/L	50	49.4	48.3	99	97	70-130	2	20	
Bromomethane	ug/L	50	42.9	42.5	86	85	34-157	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

LABORATORY CONTROL SAMPLE & LCSD: 1030710 1030711

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	55.2	53.7	110	107	70-132	3	20	
Chlorobenzene	ug/L	50	54.0	52.1	108	104	70-130	3	20	
Chloroethane	ug/L	50	47.9	45.6	96	91	60-143	5	20	
Chloroform	ug/L	50	52.2	50.8	104	102	70-130	3	20	
Chloromethane	ug/L	50	46.5	44.9	93	90	43-148	3	20	
cis-1,2-Dichloroethene	ug/L	50	49.1	48.0	98	96	51-133	2	20	
cis-1,3-Dichloropropene	ug/L	50	48.6	47.4	97	95	70-130	2	20	
Dibromochloromethane	ug/L	50	50.2	48.9	100	98	70-130	3	20	
Dichlorodifluoromethane	ug/L	50	33.5	31.1	67	62	10-174	7	20	
Ethylbenzene	ug/L	50	57.0	54.6	114	109	70-130	4	20	
Isopropylbenzene (Cumene)	ug/L	50	58.6	56.3	117	113	70-136	4	20	
m&p-Xylene	ug/L	100	114	110	114	110	70-131	3	20	
Methyl-tert-butyl ether	ug/L	50	44.9	44.2	90	88	54-139	2	20	
Methylene Chloride	ug/L	50	48.7	43.7	97	87	70-130	11	20	
o-Xylene	ug/L	50	56.2	54.3	112	109	70-130	3	20	
Styrene	ug/L	50	52.5	50.5	105	101	70-130	4	20	
Tetrachloroethene	ug/L	50	54.2	51.5	108	103	70-130	5	20	
Toluene	ug/L	50	54.6	52.6	109	105	70-130	4	20	
trans-1,2-Dichloroethene	ug/L	50	48.2	46.9	96	94	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	50	48.6	47.7	97	95	70-130	2	20	
Trichloroethene	ug/L	50	56.3	54.2	113	108	70-130	4	20	
Trichlorofluoromethane	ug/L	50	47.7	46.5	95	93	50-150	3	20	
Vinyl chloride	ug/L	50	44.5	42.6	89	85	59-157	4	20	
4-Bromofluorobenzene (S)	%				104	105	59-130			
Dibromofluoromethane (S)	%				103	103	70-130			
Toluene-d8 (S)	%				100	99	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1030712 1030713

Parameter	Units	40101903002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	19.9	50	50	75.8	75.8	112	112	70-130	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	53.0	51.8	106	104	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	49.9	50.0	100	100	70-130	0	20	
1,1-Dichloroethane	ug/L	15.6	50	50	68.2	68.1	105	105	70-130	0	20	
1,1-Dichloroethene	ug/L	6.2	50	50	53.3	49.1	94	86	70-138	8	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	52.9	53.0	105	106	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	46.5	47.0	93	94	50-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	51.3	50.8	103	102	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.5	51.4	103	103	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	52.4	51.4	105	103	70-130	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	54.7	54.8	109	110	70-130	0	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.5	50.9	101	102	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	51.1	50.7	102	101	70-130	1	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1030712 1030713

Parameter	Units	40101903002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.50	50	50	51.3	50.4	103	101	70-130	2	20	
Bromodichloromethane	ug/L	<0.50	50	50	51.6	50.3	103	101	70-130	2	20	
Bromoform	ug/L	<0.50	50	50	47.7	46.2	95	92	70-130	3	20	
Bromomethane	ug/L	<2.4	50	50	42.6	41.9	85	84	34-159	2	20	
Carbon tetrachloride	ug/L	<0.50	50	50	55.5	54.3	111	109	70-132	2	20	
Chlorobenzene	ug/L	<0.50	50	50	51.9	51.9	104	104	70-130	0	20	
Chloroethane	ug/L	<0.37	50	50	45.6	45.4	91	91	60-143	0	20	
Chloroform	ug/L	<2.5	50	50	51.2	51.2	102	102	70-130	0	20	
Chloromethane	ug/L	<0.50	50	50	44.6	43.2	89	86	43-149	3	20	
cis-1,2-Dichloroethene	ug/L	7.8	50	50	56.9	56.9	98	98	48-137	0	33	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	47.6	45.9	95	92	70-130	4	20	
Dibromochloromethane	ug/L	<0.50	50	50	48.9	47.8	98	96	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.20	50	50	32.1	31.0	64	62	10-174	4	20	
Ethylbenzene	ug/L	<0.50	50	50	54.3	54.2	109	108	70-130	0	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	55.9	56.5	112	113	70-136	1	20	
m&p-Xylene	ug/L	<1.0	100	100	108	108	108	108	70-135	0	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	44.1	42.4	88	85	54-139	4	20	
Methylene Chloride	ug/L	<0.23	50	50	46.8	46.1	94	92	70-133	1	20	
o-Xylene	ug/L	<0.50	50	50	54.0	54.2	108	108	70-130	0	20	
Styrene	ug/L	<0.50	50	50	48.8	48.8	98	98	70-130	0	20	
Tetrachloroethene	ug/L	65.7	50	50	120	120	108	108	70-130	0	20	
Toluene	ug/L	<0.50	50	50	52.5	52.7	105	105	70-130	0	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	46.0	45.5	92	91	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	47.3	46.3	95	93	70-130	2	20	
Trichloroethene	ug/L	5.9	50	50	60.9	60.7	110	110	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.17	50	50	46.5	45.6	93	91	50-150	2	20	
Vinyl chloride	ug/L	<0.18	50	50	42.6	41.6	85	83	59-158	2	20	
4-Bromofluorobenzene (S)	%						102	102	59-130			
Dibromofluoromethane (S)	%						103	101	70-130			
Toluene-d8 (S)	%						98	98	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 42-1-37409 UNITED DRY CLEANERS
Pace Project No.: 40101865

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40101865001	**MW-1**	EPA 8260	MSV/25417		
40101865002	**MW-2**	EPA 8260	MSV/25417		
40101865003	**MW-3**	EPA 8260	MSV/25417		
40101865004	**MW-4**	EPA 8260	MSV/25417		
40101865005	**MW-5**	EPA 8260	MSV/25417		
40101865006	**MW-6**	EPA 8260	MSV/25417		
40101865007	**MW-7**	EPA 8260	MSV/25417		
40101865008	**MW-8**	EPA 8260	MSV/25417		
40101865009	**MW-9**	EPA 8260	MSV/25442		
40101865010	**DUP #1**	EPA 8260	MSV/25442		
40101865011	**TRIP BLANK**	EPA 8260	MSV/25442		

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

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

SAW

40101865

(Please Print Clearly)	
Company Name:	SHANNON & WILSON
Branch/Location:	MADISON, WI
Project Contact:	MARK McCULLOCH
Phone:	608/442-5223
Project Number:	42-1-37409
Project Name:	UNITED DRY CLEANERS
Project State:	WISCONSIN
Sampled By (Print):	MARK S. McCULLOCH
Sampled By (Sign):	
PO #:	Regulatory Program:

*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

Quote #:	
Mail To Contact:	MARK McCULLOCH
Mail To Company:	SHANNON & WILSON
Mail To Address:	2110 LUANN LANE SUITE 101 MADISON, WI 53714
Invoice To Contact:	MARK McCULLOCH
Invoice To Company:	SHANNON & WILSON
Invoice To Address:	2110 LUANN LANE SUITE 101 MADISON, WI 53714
Invoice To Phone:	608/442-5223

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: 40 ml VOA vials	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	08/19	1155	GW		N / B	3		3-40mlVB	
002	MW-2	08/19	1055				3			
003	MW-3	08/19	1045				3			
004	MW-4	08/19	1020				3			
005	MW-5	08/19	1135				3			
006	MW-6	08/19	0945				3			
007	MW-7	08/19	0935				3			
008	MW-8	08/19	0855				3			
009	MW-9	08/19	0850				3			
010	DUP #1	08/19					3			
011	TRIP BLNK			W			2		2-40mlVB	

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	08.19.19 1400	[signature]	8/19/19 1400

PACE Project No.: 40101865

Receipt Temp = R01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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

Project # WO#: 40101865

40101865

Client Name: Shannon + Wilson

Courier: ☐ Fed Ex ☐ UPS ☑ 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 NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: R01 /Corr: _____ **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 8-19-14
Initials: KB

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☑Yes ☐No ☐N/A	15.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 330		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: MH for DM **Date:** 8/19/14

Appendix B

Laboratory Reports
February, May and August 2014
Sub-floor Probe and SVE Effluent Samples

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

March 05, 2014

Mr. Mark McColloch
Shannon & Wilson, Inc.
2110 Luann Lane
Suite 101
Madison, WI 53713

RE: Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

Dear Mr. McColloch:
Enclosed are the analytical results for sample(s) received by the laboratory on February 14, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alabama Certification #40770
Alabama Certification #40770
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #: Pace
Georgia Certification #: 959
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nebraska Certification #: Pace
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
Wisconsin Certification #: 999407970
West Virginia Certification #: 382
West Virginia TO-15 Approval
West Virginia DHHR #:9952C

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10257801001	**VP-5**	Air	02/11/14 10:55	02/14/14 10:03
10257801002	**VP-6**	Air	02/11/14 10:42	02/14/14 10:03
10257801003	**VP-7**	Air	02/11/14 10:49	02/14/14 10:03
10257801004	**Effluent**	Air	02/11/14 15:45	02/14/14 10:03

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10257801001	**VP-5**	TO-15	DR1	5
10257801002	**VP-6**	TO-15	DR1	5
10257801003	**VP-7**	TO-15	DR1	5

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

Sample: VP-5 **Lab ID: 10257801001** Collected: 02/11/14 10:55 Received: 02/14/14 10:03 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR - Ambient	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	2.7	1.34		02/28/14 15:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	2.7	1.34		02/28/14 15:50	156-60-5	
Tetrachloroethene	**11.1**	ug/m3	4.6	1.34		02/28/14 15:50	127-18-4	
Trichloroethene	**63.6**	ug/m3	3.7	1.34		02/28/14 15:50	79-01-6	
Vinyl chloride	ND	ug/m3	1.7	1.34		02/28/14 15:50	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

Sample: VP-6 **Lab ID: 10257801002** Collected: 02/11/14 10:42 Received: 02/14/14 10:03 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR - Ambient	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	2.7	1.34		02/27/14 20:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	2.7	1.34		02/27/14 20:36	156-60-5	
Tetrachloroethene	ND	ug/m3	4.6	1.34		02/27/14 20:36	127-18-4	
Trichloroethene	ND	ug/m3	3.7	1.34		02/27/14 20:36	79-01-6	
Vinyl chloride	ND	ug/m3	1.7	1.34		02/27/14 20:36	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

Sample: VP-7 **Lab ID: 10257801003** Collected: 02/11/14 10:49 Received: 02/14/14 10:03 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR - Ambient	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	2.7	1.34		02/28/14 16:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	2.7	1.34		02/28/14 16:17	156-60-5	
Tetrachloroethene	ND	ug/m3	4.6	1.34		02/28/14 16:17	127-18-4	
Trichloroethene	ND	ug/m3	3.7	1.34		02/28/14 16:17	79-01-6	
Vinyl chloride	ND	ug/m3	1.7	1.34		02/28/14 16:17	75-01-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

Sample: Effluent **Lab ID: 10257801004** Collected: 02/11/14 15:45 Received: 02/14/14 10:03 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
	Analytical Method: TO-15							
cis-1,2-Dichloroethene	**15.7**	ug/m3	2.5	1.26		03/04/14 18:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	2.5	1.26		03/04/14 18:05	156-60-5	
Tetrachloroethene	**3570**	ug/m3	174	50.4		03/05/14 13:07	127-18-4	A3
Trichloroethene	**15.1**	ug/m3	3.4	1.26		03/04/14 18:05	79-01-6	
Vinyl chloride	ND	ug/m3	1.6	1.26		03/04/14 18:05	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

QC Batch: AIR/19529
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR - AMBIENT
Associated Lab Samples: 10257801002

METHOD BLANK: 1631335
Matrix: Air
Associated Lab Samples: 10257801002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	2.0	02/27/14 13:23	
Tetrachloroethene	ug/m3	ND	3.4	02/27/14 13:23	
trans-1,2-Dichloroethene	ug/m3	ND	2.0	02/27/14 13:23	
Trichloroethene	ug/m3	ND	2.7	02/27/14 13:23	
Vinyl chloride	ug/m3	ND	1.3	02/27/14 13:23	

LABORATORY CONTROL SAMPLE: 1631336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	35.1	87	71-135	
Tetrachloroethene	ug/m3	69	61.6	89	69-136	
trans-1,2-Dichloroethene	ug/m3	40.3	36.9	91	70-131	
Trichloroethene	ug/m3	54.6	47.7	87	70-135	
Vinyl chloride	ug/m3	26	22.9	88	69-132	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

QC Batch: AIR/19536 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR - AMBIENT
Associated Lab Samples: 10257801001, 10257801003

METHOD BLANK: 1632222 Matrix: Air
Associated Lab Samples: 10257801001, 10257801003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	2.0	02/28/14 12:17	
Tetrachloroethene	ug/m3	ND	3.4	02/28/14 12:17	
trans-1,2-Dichloroethene	ug/m3	ND	2.0	02/28/14 12:17	
Trichloroethene	ug/m3	ND	2.7	02/28/14 12:17	
Vinyl chloride	ug/m3	ND	1.3	02/28/14 12:17	

LABORATORY CONTROL SAMPLE: 1632223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	34.6	86	71-135	
Tetrachloroethene	ug/m3	69	59.0	86	69-136	
trans-1,2-Dichloroethene	ug/m3	40.3	36.7	91	70-131	
Trichloroethene	ug/m3	54.6	45.9	84	70-135	
Vinyl chloride	ug/m3	26	22.0	84	69-132	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

QC Batch: AIR/19569
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR - AMBIENT
Associated Lab Samples: 10257801004

METHOD BLANK: 1633374
Matrix: Air
Associated Lab Samples: 10257801004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	2.0	03/04/14 12:55	
Tetrachloroethene	ug/m3	ND	3.4	03/04/14 12:55	
trans-1,2-Dichloroethene	ug/m3	ND	2.0	03/04/14 12:55	
Trichloroethene	ug/m3	ND	2.7	03/04/14 12:55	
Vinyl chloride	ug/m3	ND	1.3	03/04/14 12:55	

LABORATORY CONTROL SAMPLE: 1633375

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	39.2	97	71-135	
Tetrachloroethene	ug/m3	69	72.6	105	69-136	
trans-1,2-Dichloroethene	ug/m3	40.3	45.1	112	70-131	
Trichloroethene	ug/m3	54.6	56.3	103	70-135	
Vinyl chloride	ug/m3	26	29.2	112	69-132	

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QUALIFIERS

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

A3 The sample was analyzed by serial dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: United Dry Cleaner 42-1-37409
Pace Project No.: 10257801

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10257801001	**VP-5**	TO-15	AIR/19536		
10257801002	**VP-6**	TO-15	AIR/19529		
10257801003	**VP-7**	TO-15	AIR/19536		

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

14747

Page: of

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Shannon & Wilson	Report To: Mark McCulloch	Attention: Mark McCulloch
Address: 2110 Luann Lane Suite 101	Copy To:	Company Name: Shannon & Wilson
		Address: 2110 Luann Lane, Suite 101
Email To: msm@shanwil.com	Purchase Order No.:	Pace Quote Reference:
Phone: 6091492-5203 Fax:	Project Name: 42-1-37409	Pace Project Manager/Sales Rep.
Requested Due Date/TAT:	Project Number: United Dry Cleaners	Pace Profile #:

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other____

Location of Sampling by State _____

Reporting Units: ug/m³___ mg/m³___ PPBV___ PPMV___ Other___

Report Level II.___ III.___ IV.___ Other_____

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	'Section D Required Client Information AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	COLLECTED COMPOSITE START END/GRAB TIME	COLLECTED COMPOSITE - DATE	COLLECTED COMPOSITE - TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C: Fixed Gas (%)	TO-3	TO-3MI (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	VP-5	6LC		02/11	10:10	02/11	10:55	27	0	1636									X		001
2	VP-6			02/11	957	02/11	1042	29	0	1291									X		002
3	VP-7			02/11	1009	02/11	1049	29	0	0573									X		003
4	EFFLUENT			2/11	1545	02/11	1545	30	2	1421									X		004
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Mark McCull / SWI	02/12	600	FED EX	02/12	600
			Pace	2/14	1023

SAMPLE CONDITIONS

	Y/N	Y/N	Y/N	
AMB	Y/N	Y/N	Y/N	
	Y/N	Y/N	Y/N	
Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK S. McCULLOCH

SIGNATURE of SAMPLER: Mark McCulloch DATE Signed (MM/DD/YY): 02/11/14

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 26Dec2013 Page 1 of 1
	Document No.: F-MN-A-106-rev.09	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Shannon Wilson

Project #: WO#: 10257801

10257801

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 575341988665

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other: **Temp Blank rec:** ☐ Yes ☐ No

Temp. (TO17 and TO13 samples only) (°C): ✓ **Corrected Temp (°C):** ✓ **Thermom. Used:** ☐ B88A912167504 ☐ B88A9132521491 ☐ 72337080 ☐ 80512447

Temp should be above freezing to 6°C **Correction Factor:** ✓ **Date & Initials of Person Examining Contents:** 2/4/14

Type of ice Received ☐ Blue ☐ Wet ☒ None

				Comments:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: air can				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12.

Samples Received: received 1 gauge pace 213

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
VP-5	1636		0968		
VP-6	1291		0561		
VP-7	0573		0901		
effluent	0421				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution: Short ch1 canned VOC list per historicals.

Project Manager Review: CTM **Date:** 2/4/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Shannon & Wilson, Inc.
Phone: (920)374-2034

Lab Project Number: 10257801
Project Name: United Dry Cleaner 42-1-37409

Lab Sample No: 10257801001 ProjSampleNum: 10257801001 Date Collected: 02/11/14 10:55
Client Sample ID: VP-5 Matrix: Air Date Received: 02/14/14 10:03

Parameters	Results	Units	Report Limit	DF	Analyzed		CAS No.	Qualifiers
Air								
TO-15								
cis-1,2-Dichloroethene	ND	ppbv	0.67	1.34	02/28/14 15:50	DR1	156-59-2	
Tetrachloroethene	1.61	ppbv	0.67	1.34	02/28/14 15:50	DR1	127-18-4	
trans-1,2-Dichloroethene	ND	ppbv	0.67	1.34	02/28/14 15:50	DR1	156-60-5	
Trichloroethene	11.6	ppbv	0.68	1.34	02/28/14 15:50	DR1	79-01-6	
Vinyl chloride	ND	ppbv	0.65	1.34	02/28/14 15:50	DR1	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Shannon & Wilson, Inc.
Phone: (920)374-2034

Lab Project Number: 10257801
Project Name: United Dry Cleaner 42-1-37409

Lab Sample No: 10257801002 ProjSampleNum: 10257801002 Date Collected: 02/11/14 10:42
Client Sample ID: VP-6 Matrix: Air Date Received: 02/14/14 10:03

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-15							
cis-1,2-Dichloroethene	ND	ppbv	0.67	1.34	02/27/14 20:36 DR1	156-59-2	
Tetrachloroethene	ND	ppbv	0.67	1.34	02/27/14 20:36 DR1	127-18-4	
trans-1,2-Dichloroethene	ND	ppbv	0.67	1.34	02/27/14 20:36 DR1	156-60-5	
Trichloroethene	ND	ppbv	0.68	1.34	02/27/14 20:36 DR1	79-01-6	
Vinyl chloride	ND	ppbv	0.65	1.34	02/27/14 20:36 DR1	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Shannon & Wilson, Inc.
Phone: (920)374-2034

Lab Project Number: 10257801
Project Name: United Dry Cleaner 42-1-37409

Lab Sample No: 10257801003 ProjSampleNum: 10257801003 Date Collected: 02/11/14 10:49
Client Sample ID: VP-7 Matrix: Air Date Received: 02/14/14 10:03

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-15							
cis-1,2-Dichloroethene	ND	ppbv	0.67	1.34	02/28/14 16:17 DR1	156-59-2	
Tetrachloroethene	ND	ppbv	0.67	1.34	02/28/14 16:17 DR1	127-18-4	
trans-1,2-Dichloroethene	ND	ppbv	0.67	1.34	02/28/14 16:17 DR1	156-60-5	
Trichloroethene	ND	ppbv	0.68	1.34	02/28/14 16:17 DR1	79-01-6	
Vinyl chloride	ND	ppbv	0.65	1.34	02/28/14 16:17 DR1	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Shannon & Wilson, Inc.
Phone: (920)374-2034

Lab Project Number: 10257801
Project Name: United Dry Cleaner 42-1-37409

Lab Sample No: 10257801004 ProjSampleNum: 10257801004 Date Collected: 02/11/14 15:45
Client Sample ID: Effluent Matrix: Air Date Received: 02/14/14 10:03

Parameters	Results	Units	Report Limit	DF	Analyzed		CAS No.	Qualifiers
Air								
TO-15								
cis-1,2-Dichloroethene	3.9	ppbv	0.62	1.26	03/04/14 18:05	JAM	156-59-2	
Tetrachloroethene	518	ppbv	25	50.4	03/05/14 13:07	JAM	127-18-4	A3
trans-1,2-Dichloroethene	ND	ppbv	0.62	1.26	03/04/14 18:05	JAM	156-60-5	
Trichloroethene	2.76	ppbv	0.62	1.26	03/04/14 18:05	JAM	79-01-6	
Vinyl chloride	ND	ppbv	0.62	1.26	03/04/14 18:05	JAM	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Shannon & Wilson, Inc.
Phone: (920)374-2034

Lab Project Number: 10257801
Project Name: United Dry Cleaner 42-1-37409

PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit
NC Not Calculable
J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
[A3] The sample was analyzed by serial dilution.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
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May 30, 2014

Mr. Mark McColloch
Shannon & Wilson, Inc.
2110 Luann Lane
Suite 101
Madison, WI 53713

RE: Project: 42-1-37409 United Dry Cleaners
Pace Project No.: 10267475

Dear Mr. McColloch:
Enclosed are the analytical results for sample(s) received by the laboratory on May 16, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 42-1-37409 United Dry Cleaners
Pace Project No.: 10267475

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alabama Certification #40770
Alabama Certification #40770
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #: Pace
Georgia Certification #: 959
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
Wisconsin Certification #: 999407970
West Virginia Certification #: 382
West Virginia TO-15 Approval
West Virginia DHHR #:9952C

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SAMPLE SUMMARY

Project: 42-1-37409 United Dry Cleaners
Pace Project No.: 10267475

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10267475001	**VE1 Effluent**	Air	05/14/14 13:55	05/16/14 12:33
10267475002	**VE2 Effluent**	Air	05/14/14 15:05	05/16/14 12:33

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 42-1-37409 United Dry Cleaners
Pace Project No.: 10267475

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10267475001	**VE1 Effluent**	TO-15	AH2	5
10267475002	**VE2 Effluent**	TO-15	AH2	5

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Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 42-1-37409 United Dry Cleaners
Pace Project No.: 10267475

Sample: VE1 Effluent **Lab ID: 10267475001** Collected: 05/14/14 13:55 Received: 05/16/14 12:33 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR - Ambient	Analytical Method: TO-15							
cis-1,2-Dichloroethene	**3.3**	ug/m3	1.1	1.34		05/29/14 03:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	1.34		05/29/14 03:13	156-60-5	
Tetrachloroethene	**795**	ug/m3	18.5	26.8		05/29/14 15:42	127-18-4	
Trichloroethene	**3.8**	ug/m3	0.74	1.34		05/29/14 03:13	79-01-6	
Vinyl chloride	ND	ug/m3	0.35	1.34		05/29/14 03:13	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 42-1-37409 United Dry Cleaners
Pace Project No.: 10267475

Sample: VE2 Effluent **Lab ID: 10267475002** Collected: 05/14/14 15:05 Received: 05/16/14 12:33 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR - Ambient	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.1	1.34		05/29/14 03:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	1.34		05/29/14 03:36	156-60-5	
Tetrachloroethene	**317**	ug/m3	9.2	13.4		05/29/14 16:04	127-18-4	
Trichloroethene	**0.75**	ug/m3	0.74	1.34		05/29/14 03:36	79-01-6	
Vinyl chloride	ND	ug/m3	0.35	1.34		05/29/14 03:36	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
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(612)607-1700

QUALITY CONTROL DATA

Project: 42-1-37409 United Dry Cleaners
Pace Project No.: 10267475

QC Batch: AIR/20378 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR - AMBIENT
Associated Lab Samples: 10267475001, 10267475002

METHOD BLANK: 1693466 Matrix: Air
Associated Lab Samples: 10267475001, 10267475002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	05/28/14 16:21	
Tetrachloroethene	ug/m3	ND	0.69	05/28/14 16:21	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	05/28/14 16:21	
Trichloroethene	ug/m3	ND	0.55	05/28/14 16:21	
Vinyl chloride	ug/m3	ND	0.26	05/28/14 16:21	

LABORATORY CONTROL SAMPLE: 1693467

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	52.3	130	71-135	
Tetrachloroethene	ug/m3	69	71.9	104	69-136	
trans-1,2-Dichloroethene	ug/m3	40.3	49.6	123	70-131	
Trichloroethene	ug/m3	54.6	61.3	112	70-135	
Vinyl chloride	ug/m3	26	30.9	119	69-132	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 42-1-37409 United Dry Cleaners
Pace Project No.: 10267475

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

TNI - The NELAC Institute.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 42-1-37409 United Dry Cleaners
Pace Project No.: 10267475

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10267475001	**VE1 Effluent**	TO-15	AIR/20378		
10267475002	**VE2 Effluent**	TO-15	AIR/20378		

10267475

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www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

13349

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: SHANNON & WILSON	Report To: MARK McCULLOCH	Attention: MARK McCULLOCH
Address: 2110 LUANN LANE 101	Copy To:	Company Name: SHANNON & WILSON
MADISON, WI 53713		Address: 2110 LUANN LANE
Email To: MSM@shanwil.com	Purchase Order No.:	Pace Quote Reference:
Phone: (608) 442-5223 Fax: (608) 442-5013	Project Name: UNITED DRY CLEANER	Pace Project Manager/Sales Rep.
Requested Due Date/TAT:	Project Number: 42-1-37407	Pace Profile #:

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: _____

Reporting Units: ug/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level II.___ III.___ IV.___ Other___

Valid Media Codes: Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Puff LVP; High Volume Puff HVP; Other PM10

ITEM #	Section D Required Client Information AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	COLLECTED COMPOSITE START END/GRAB TIME	COLLECTED COMPOSITE - DATE	COLLECTED COMPOSITE - TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	VE1 EFFLUENT	6LC		05-14	1350	05-14	1355			0044									X		991
2	VE2 EFFLUENT	6LC		05-14	1500	05-14	1505			0061									X		992
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Mark McCulloch	05-14	1630 PM	FEDEX	05-14	1630 PM
			[signature] Price	5/16	1233

SAMPLE CONDITIONS

	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK S McCULLOCH

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 05-14-14

ORIGINAL

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 26Dec2013 Page 1 of 1
	Document No.: F-MN-A-106-rev.09	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Shannon + Wilson

Project #: WO#: 10267475

10267475

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 5979 6583 1834

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ Foam ☐ None ☐ Other: **Temp Blank rec:** ☐ Yes ☒ No

Temp. (TO17 and TO13 samples only) (°C): **Corrected Temp (°C):** **Thermom. Used:** ☐ B88A912167504 ☐ B88A9132521491 ☐ 72337080 ☐ 80512447

Temp should be above freezing to 6°C **Correction Factor:** **Date & Initials of Person Examining Contents:** 5/16 14

Type of ice Received ☐ Blue ☐ Wet ☒ None

				Comments:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: air can				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12.

Samples Received: √ Received 2 guyes

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
VE1	0044				
VE2	3061				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: **Date:** 5-16-14 5-17-14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Shannon & Wilson, Inc.
Phone: (920)374-2034

Lab Project Number: 10267475
Project Name: 42-1-37409 United Dry Cleaners

Lab Sample No: 10267475001
Client Sample ID: VE1 Effluent

ProjSampleNum: 10267475001
Matrix: Air

Date Collected: 05/14/14 13:55
Date Received: 05/16/14 12:33

Air

TO-15

Parameters	Results	Units	Report Limit	DF	Analyzed		CAS No.	Qualifiers
cis-1,2-Dichloroethene	0.819	ppbv	0.27	1.34	05/29/14 3:13	AH2	156-59-2	
Tetrachloroethene	115	ppbv	2.7	26.8	05/29/14 15:42	AH2	127-18-4	
trans-1,2-Dichloroethene	ND	ppbv	0.27	1.34	05/29/14 3:13	AH2	156-60-5	
Trichloroethene	0.696	ppbv	0.14	1.34	05/29/14 3:13	AH2	79-01-6	
Vinyl chloride	ND	ppbv	0.13	1.34	05/29/14 3:13	AH2	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT
Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Shannon & Wilson, Inc.
Phone: (920)374-2034

Lab Project Number: 10267475
Project Name: 42-1-37409 United Dry Cleaners

Lab Sample No: 10267475002
Client Sample ID: VE2 Effluent

ProjSampleNum: 10267475002
Matrix: Air

Date Collected: 05/14/14 15:05
Date Received: 05/16/14 12:33

Air

TO-15

Parameters	Results	Units	Report Limit	DF	Analyzed		CAS No.	Qualifiers
cis-1,2-Dichloroethene	ND	ppbv	0.27	1.34	05/29/14 3:36	AH2	156-59-2	
Tetrachloroethene	46	ppbv	1.3	13.4	05/29/14 16:04	AH2	127-18-4	
trans-1,2-Dichloroethene	ND	ppbv	0.27	1.34	05/29/14 3:36	AH2	156-60-5	
Trichloroethene	0.137	ppbv	0.14	1.34	05/29/14 3:36	AH2	79-01-6	
Vinyl chloride	ND	ppbv	0.13	1.34	05/29/14 3:36	AH2	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Shannon & Wilson, Inc.
Phone: (920)374-2034

Lab Project Number: 10267475
Project Name: 42-1-37409 United Dry Cleaners

PARAMETER FOOTNOTES

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

August 26, 2014

Mr. Mark McColloch
Shannon & Wilson, Inc.
2110 Luann Lane
Suite 101
Madison, WI 53713

RE: Project: 42-1-37409 united Dry Cleaners
Pace Project No.: 10278415

Dear Mr. McColloch:
Enclosed are the analytical results for sample(s) received by the laboratory on August 20, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 42-1-37409 united Dry Cleaners
Pace Project No.: 10278415

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alabama Certification #40770
Alabama Certification #40770
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #: Pace
Georgia Certification #: 959
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nebraska Certification #: Pace
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
Wisconsin Certification #: 999407970
West Virginia Certification #: 382
West Virginia DHHR #:9952C

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 42-1-37409 united Dry Cleaners
Pace Project No.: 10278415

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10278415001	**VE1 Effluent**	Air	08/19/14 13:15	08/20/14 11:00

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 42-1-37409 united Dry Cleaners
Pace Project No.: 10278415

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10278415001	**VE1 Effluent**	TO-15	AH2	5

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 42-1-37409 united Dry Cleaners
Pace Project No.: 10278415

Sample: VE1 Effluent **Lab ID: 10278415001** Collected: 08/19/14 13:15 Received: 08/20/14 11:00 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR - Ambient	Analytical Method: TO-15							
cis-1,2-Dichloroethene	**49.7**	ug/m3	11.3	13.9		08/25/14 23:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	11.3	13.9		08/25/14 23:47	156-60-5	
Tetrachloroethene	**1760**	ug/m3	9.6	13.9		08/25/14 23:47	127-18-4	
Trichloroethene	**19.3**	ug/m3	7.6	13.9		08/25/14 23:47	79-01-6	
Vinyl chloride	ND	ug/m3	3.6	13.9		08/25/14 23:47	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 42-1-37409 united Dry Cleaners
Pace Project No.: 10278415

QC Batch: AIR/21144
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR - AMBIENT
Associated Lab Samples: 10278415001

METHOD BLANK: 1770659
Matrix: Air
Associated Lab Samples: 10278415001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	08/25/14 17:26	
Tetrachloroethene	ug/m3	ND	0.69	08/25/14 17:26	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	08/25/14 17:26	
Trichloroethene	ug/m3	ND	0.55	08/25/14 17:26	
Vinyl chloride	ug/m3	ND	0.26	08/25/14 17:26	

LABORATORY CONTROL SAMPLE: 1770660

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	37.4	93	71-135	
Tetrachloroethene	ug/m3	69	65.0	94	69-136	
trans-1,2-Dichloroethene	ug/m3	40.3	38.3	95	70-131	
Trichloroethene	ug/m3	54.6	50.5	92	70-135	
Vinyl chloride	ug/m3	26	26.2	101	69-132	

SAMPLE DUPLICATE: 1771285

Parameter	Units	10278415001 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	49.7	47.3	5	25	
Tetrachloroethene	ug/m3	1760	1690	4	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	19.3	16.9	13	25	
Vinyl chloride	ug/m3	ND	ND		25	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 42-1-37409 united Dry Cleaners
Pace Project No.: 10278415

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

TNI - The NELAC Institute.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 42-1-37409 united Dry Cleaners
Pace Project No.: 10278415

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10278415001	**VE1 Effluent**	TO-15	AIR/21144		

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10278415

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

19296

Page: 1 of 1

Section A Required Client Information:
- Company: SHANNON & WILSON
- Address: 2110 LUANN LANE, SUITE 101 MADISON, WI 53714
- Email To: msm@shanwil.com
- Phone: 608/442-5223 Fax: 608/442-9013
- Requested Due Date/TAT:

Section B Required Project Information:
- Report To: MARK McCULLOCH
- Copy To:
- Purchase Order No.:
- Project Name: UNITED DRY CLEANERS
- Project Number: 421-37409

Section C Invoice Information:
- Attention: MARK McCULLOCH
- Company Name: SHANNON & WILSON
- Address: 2110 LUANN LN, SUITE 101 MADISON, WI
- Pace Quote Reference:
- Pace Project Manager/Sales Rep.
- Pace Profile #:

Program: UST / Superfund / Emissions / Clean Air Act / Voluntary Clean Up / Dry Clean / RCRA / Other____

Location of Sampling by State ________

Reporting Units: ug/m³___ mg/m³___ PPBV___ PPMV___ Other___

Report Level II.___ III.___ IV.___ Other____

Section D Required Client Information — AIR SAMPLE ID — Sample IDs MUST BE UNIQUE

Valid Media Codes:

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

Method: PM10, 3C- Fixed Gas (%), TO-3, TO-3M (Methane), TO-4 (PCBs), TO-13 (PAH), TO-14, TO-15, TO15 Short List*

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method	Pace Lab ID
1	VEI EFFLUENT	6LC		08/19	1315	08/19	1315			0035	—	X (TO-15)	001
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Mark McCulloch / SWI	08/19	1630	FEDEX	08/09	1630
			[signature] Pace	820014	1100

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
AMB	Y/N (N circled)	Y/N (N circled)	Y/N (Y circled)
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE
- PRINT Name of SAMPLER: MARK S. McCULLOCH
- SIGNATURE of SAMPLER: [signature]
- DATE Signed (MM / DD / YY): 08-19-14

ORIGINAL

Pace Analytical®	Document Name: Air Sample Condition Upon Receipt	Document Revised: 26Dec2013 Page 1 of 1
	Document No.: F-MN-A-106-rev.09	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Shannon + Wilson

Project #: WO#: 10278415

10278415

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other: _____

Tracking Number: 6146 1781 7138

Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Other: _____ **Temp Blank rec:** ☐ Yes ☑ No

Temp. (TO17 and TO13 samples only) (°C): — **Corrected Temp (°C):** — **Thermom. Used:** ☐ B88A912167504 ☐ B88A9132521491 ☐ 72337080 ☐ 80512447

Temp should be above freezing to 6°C **Correction Factor:** — **Date & Initials of Person Examining Contents:** 8/2014

Type of ice Received ☐ Blue ☐ Wet ☑ None

				Comments:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Media: air can				11.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	12.

Samples Received: gauge rec. on can

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
VE1 eff	0035				

Field Data Required? ☐ Yes ☐ No

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: _____ Date/Time: _____

Comments/Resolution: Short chlor list per historicals CTurt 8/21/14

Project Manager Review: BHa **Date:** 8/21/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Shannon & Wilson, Inc.
Phone: (920)374-2034

Lab Project Number: 10278415
Project Name: 42-1-37409 united Dry Cleaners

Lab Sample No: 10278415001 ProjSampleNum: 10278415001 Date Collected: 08/19/14 13:15
Client Sample ID: VE1 Effluent Matrix: Air Date Received: 08/20/14 11:00

Parameters	Report Limit ug/m3	Results ug/m3	Report Limit ppbv	Results ppbv	DF	Analyzed	CAS No.
Air							
TO-15							
cis-1,2-Dichloroethene	11.3	49.7	2.8	12.3	13.9	08/25/14 23:47 AH2	156-59-2
Tetrachloroethene	9.6	1760	1.4	255	13.9	08/25/14 23:47 AH2	127-18-4
trans-1,2-Dichloroethene	11.3	ND	2.8	ND	13.9	08/25/14 23:47 AH2	156-60-5
Trichloroethene	7.6	19.3	1.4	3.53	13.9	08/25/14 23:47 AH2	79-01-6
Vinyl chloride	3.6	ND	1.4	ND	13.9	08/25/14 23:47 AH2	75-01-4

SUPPLEMENTAL REPORT
Units Conversion Request