Jorgensen, Theadora O - DNR

From: Ken Ebbott <ken.ebbott@sand-creek.com>
Sent: Friday, July 3, 2020 1:47 PM
To: Hnat, John J - DNR
Cc: tschafer@wi.rr.com; Ken Ebbott; Mark Dawson
Subject: Remedial Action Documentation Report and 2020 Excavation Plans Shorewood Queensway Cleaners 4300 N Oakland, BRRTS # 02-41-552089
Attachments: 2020.07.02 SCC Shorewood Fall RA letter Report.pdf

John,

Attached is the documentation of the excavation from last fall (2019) at the Shorewood Cleaners property. As you recall, we started the remedial action in November 2019, but due to excessive cold, decided to delay the liquid chemical treatment process until spring. Covid-19 then hit, and delayed the spring start, but we are on schedule to begin with the excavation next week July 9 – 10, and the chemical treatment will commence on the week of July 13. The excavation / treatment / backfilling should wrap up by the end of July 2020.

The report presents the data from sampling related to the fall excavation, with Figure 4 showing all site soil chemistry data, and Figure 6 shows the plan for the 2020 excavation and treatment. The limits for treatment shown on Figure 6 are simplified – we are still planning to follow the plan for layer by layer treatment, with changes to the footprint areas of treatment as previously approved, but to make the figure more understandable, I just simplified the treated area plan view limits.

A couple things to note are mentioned in the 7 page text – such as the clean soil under the western part of the building, the location of the sanitary sewer lateral, and the presence of some historic pipes suspected to be related to the former gas station operations. No petroleum impacts of note have been detected here in soil or groundwater, but we will remove the pipes and make sure there isn't any remaining tank connected to the southwest end.

The groundwater chemistry looks pretty good considering the magnitude of the soil impacts.

Let me know if you need me to load the report to the WDNR portal for formal submittal, or if the email attachment is adequate.

Also, I believe a hard copy is not needed, correct?

Let me know if you have any questions –

Thanks,

Ken Ebbott

920 918-9024

Regards,
Ken Ebbott, PG, CGWP
Senior Project Manager/Senior Geologist
Sand Creek Consultants, Inc. | W5877 Pheasant Lane | Plymouth, WI 53073
main 920.918.9024 | fax 866.608.6473
www.sand-creek.com | ken.ebbott@sand-creek.com

Environmental and Geological
Scientists and Engineers

W5877 Pheasant Lane • Plymouth, WI 53073 • 920.918.9024

July 2, 2020

Mr. John Hnat
WDNR
2300 N Dr Martin Luther King Dr
Milwaukee, WI 53212-3128

Re: **Former Shorewood Queensway Cleaners**
4300 N Oakland Avenue
Shorewood, WI 53211
BRRTS # 02-41-552089

Subject: **Remedial Action Documentation Report, Fall 2019 Excavation Activities / 2020 Excavation Plan**

Dear Mr. Hnat,

This status report documents the site remediation activities completed in the fall of 2019 at the above-referenced site (**Figure 1**). Additional soil remediation is scheduled for July 8 and should be completed by the end of July 2020.

Activities completed in November 2019 included demolition of the structures, groundwater sampling, and soil excavation primarily west of the former drycleaner building (see **Figure 2** for the site layout). This report describes the site conditions, completed activities, remaining soil chemistry results, and plans for further excavation. The work was completed per the Wisconsin Department of Natural Resources (WDNR) approved Remedial Action Plan, except only part of the work was able to be finished due to extreme cold conditions in November 2019. A full Remedial Action Documentation Report will be prepared upon completion of the July 2020 soil excavation and subsequent monitoring well installation and groundwater sampling activities in the fall of 2020.

Geology and Hydrogeology

Observations during the investigation and excavation indicate fill is present around the former structures (**Figure 2**). The 4300 N. Oakland building (drycleaner) had a filled-in basement with a concrete floor beneath the northwest portion of the structure that extended to a depth of five feet below grade. Footings extend to depths of approximately six feet beneath the building perimeter walls. Native soils and some sand and gravel appear to have been used for backfill around the footings. The sanitary sewer lateral and water lateral to the building extended to depths of approximately six to eight feet below grade.

The 1808 E. Marion Street building was constructed on a small hillock approximately three feet in elevation higher than the 4300 N. Oakland building, and the 1808 E. Marion Street basement extended only approximately five feet below grade. Some pea stone gravel backfill was present outside the concrete block walls of the southern portion of the basement, likely installed in an effort to combat basement drainage issues. The 1808 E. Marion Street basement had a sump in the southeast corner that extended to a depth of 6.5 feet below grade.

At both properties, dense silty clay subsoil, grading from reddish brown to dark gray, is present beneath all site fill. The dense clay was observed in the fall excavation to a depth of 16 feet, and in the investigation borings it was observed to the deepest boring depth of approximately 30 feet.

Based on historic groundwater measurements in the nine site monitoring wells, the depth to groundwater fluctuates seasonally by approximately seven feet at some locations, ranging from four to ten feet below grade on the 1808 E. Marion Street property at well MW-8, two to nine feet below grade near the former drycleaning building, and one to seven feet below grade in the two wells located on the 4312 Property positioned north of the site (**Table 1**). The 4312 building (4312 address) has a basement that extends to approximately eight feet below grade and has drain tile around the building basement perimeter. One well has been installed through the basement floor of the 4312 building, and the depth to water under the floor is approximately one foot below basement grade. It appears the groundwater elevation at monitoring well MW-6 (located only approximately five feet south of the 4312 building just off the northwest corner of the former drycleaner building) is influenced by the basement drainage, as monitoring well MW-6 has depressed water level elevations of about six to eight feet below grade that are depressed when compared to the other drycleaner site water elevations.

The shallow groundwater flow direction across the Property, as measured during the Site Investigation and in November 2019, trends to the north / northwest, as shown on **Figure 3**. The higher surface grade on the 1808 E. Marion Street property may locally influence the shallow groundwater flow, with some component of flow to the west or southwest across the southern portion of the 1808 E. Marion Street parcel.

November 2019 Excavation and Backfill

From November 7 to November 22, 2019 the building demolitions were completed and contaminated soil was removed and landfilled with disposal of approximately 533 tons of PCE-contaminated soil (**Figure 4**). The excavation was mainly conducted west of the building and generally followed the approved Remedial Action Plan, with additional soil excavation completed along the utility lines and west of the sewer and water laterals to remove known contaminated soil at investigation boring HA-6. In addition, an approximately 50-foot long by 7-foot wide shallow area (2-3') of soil was excavated from the eastern edge of the 4300 Property along the hillslope between the 1808 E. Marion Street and 4300 N. Oakland Avenue parcels in an effort to remove likely areas of residual low-level contamination.

Due to the extreme cold in early November, it was considered impractical to continue with the planned chemical treatment of the soil, and the excavation was postponed until 2020. The site was backfilled to grade and temporarily graded for safety reasons, with a security perimeter fence remaining in place.

As planned, prior to backfilling, one supersack (2 cubic yards) of Bioavailable Media (BAM) was place along the north wall of the excavation, adjacent to the 4312 building to the north. The BAM was mixed with the remaining soil and is intended to help contain and degrade remaining PCE in soil that cannot be removed due to structural impediments (basement / building to the north).

Utilities

The water and sewer laterals for both buildings (4300 N. Oakland and 1808 E. Marion) were located and cut off. At the sewer lateral of the former drycleaner building, a bentonite clay wall was installed at the vitreous

clay sanitary sewer lateral end to limit future potential migration along the lateral line. Approximately 30 feet of the 50-foot length of the lateral was removed in the fall excavation to a depth of approximately eight feet.

The 4300 N. Oakland building was reportedly a former gasoline service station. Shallow pipes (less than two feet depth) suspected to be from the former gas station were discovered west of the building. These pipes include a 2-inch diameter steel pipe that may have been a petroleum supply line, and three buried air and probable water supply lines that may have been extended to an air and water filling station for customer use (**Figure 4**).

Along the north wall of the 4300 N. Oakland building, a sub-floor former steel sump was observed (**Figure 4**). It appears the sump may have been a reservoir for the building roof drains, with underground discharge heading to the northeast that has not yet been fully exposed by the excavation.

Soil Sample Results

During the November 2019 excavation, soil samples were obtained from the excavation perimeter and floor at 24 locations (EX-1 to EX-24). Analytical results from the remedial excavation samples are summarized on **Table 2** and mapped on **Figure 4**; the laboratory analytical reports are included as **Attachment A**.

The sample locations generally followed the approved sampling plan for the Remedial Action. Additional samples were retained beneath the encountered pipes and sand fill west of the building (EX-3, EX-11, EX-13) and beneath the water and sewer lateral near N Oakland Avenue (EX-1, EX-2), to assess these structures for potential contaminant migration. Confirmation samples EX-18 to EX-21 were retained from the eastern edge of shallow soil excavations completed from the boundary between the two parcels. A total of 12 soil samples were retained from the 1808 E. Marion Street Parcel.

The results from the fall excavation sampling indicate the following:

1. All soil samples from the 1808 E. Marion Street parcel had no detectable VOCs, with the exception of shallow soil at the immediate boundary with the 4300 N Oakland property. Soil at a depth of zero to one foot at EX-19 and two feet at EX-20 had trace detections of PCE (55.6 and 55.7 ug/kg). These concentrations were between the limit of detection and limit of quantification and may not be reproducible. Regardless, we plan to remove a further small area of soil from these locations in the 2020 excavation to a depth of three feet, so all soil with detections of PCE on the 1808 E. Marion Street parcel will have been removed.

2. The base of the 4300 N. Oakland drycleaner excavation and south wall of the excavation (EX-15 to EX-17) at ten to 16 feet below grade had no detectable VOCs, so the vertical extent of the excavation beneath the western part of the drycleaner building has removed all contamination.

3. Results from the north wall of the excavation, adjacent to the 4312 Building basement wall at 10 feet, indicate PCE is present in the soil at a concentration of 1,320 ug/kg. Further excavation couldn't safely be performed due to the adjacent building and basement. Residual BAM placed within this soil should help reduce these concentrations over time.

4. Excavation perimeter samples obtained west of the building indicate the dense native clay soil on the excavation base at five to 8.5 feet contains PCE at levels ranging from no detection to 922 ug/kg (EX-2, EX-9, EX-10, EX-12). Remaining wall samples indicate soil adjacent to the sidewalk at EX-1 contains 1,250 ug/kg PCE, but further excavation to the west was not possible without risk of undermining the sidewalk, natural gas line, and possible buried electricity lines servicing the street lights. Further excavation into the right-of-way is not planned.

5. Excavation wall samples EX-3 and EX-11 from four and two feet, respectively, indicate the sand fill from historic excavation activities in these areas contains trace amounts of PCE (56.3 ug/kg and 300 ug/kg PCE, respectively). The PCE levels in the sand fill from the buried air and water lines (tested at EX-11) do not warrant further removal.

6. Excavation wall sample EX-13, obtained from the native clay beneath the former 2-inch diameter suspected petroleum supply pipe, contained moderate levels of PCE (4,770 ug/kg) at a depth of three feet below grade. Removal of the rest of the petroleum pipe and further removal of the underlying soil to a depth of four feet is planned.

7. Despite historic operation as a gas station, elevated levels of petroleum constituents were not detected in any of the soil samples. One floor sample (EX-12, 5') had trace detections of petroleum-related constituents (n-butylbenzene, sec-butylbenzene, isopropyl benzene, and n-propylbenzene) but at concentrations less than 150 ug/kg, and all levels are far below associated WDNR residual contaminant levels. As discussed below, no petroleum constituents have been detected in the groundwater from the wells located on the former gas station parcel (4300 N. Oakland Street property; wells MW-1, MW-2, MW-3, MW-6).

Groundwater Chemistry

As required by the WDNR Injection Permit, sampling of groundwater prior to completion of the remedial action was required. Groundwater samples were obtained from the nine site monitoring wells (MW-1 to MW-9) on November 11 to November 13, 2019. Samples were retained for the assessment of volatile organic compounds (VOCs) and methane, ethane, and ethene. Samples were also retained, per the Injection Permit requirements, for analysis of total organic carbon, sulfate, and dissolved iron and manganese. The metals samples were filtered using a 0.45-micron filter prior to placing in the acidified sample bottle.

The results are attached, summarized on **Tables 3** and **4**, and groundwater chemistry results for VOCs are plotted on **Figure 5**. The laboratory analytical results are included in **Attachment B**. The groundwater chemistry results indicate the following:

1) Results are similar to historic test results, with concentrations of PCE above the NR 140 Enforcement Standard (ES) for public health in groundwater at wells MW-3 and MW-5, and concentrations of TCE also present at levels above the ES at well MW-5.

2) The well beneath the 4312 building basement, MW-9, has detections of PCE, TCE, and cis 1,2-dichloroethene (DCE) at levels above the NR 140 preventive action limit (PAL) standards, as does groundwater from well MW-5 for DCE.

3) Groundwater from monitoring well MW-8, located in the front yard of the 1808 E. Marion Street parcel, has a trace detection of benzene at levels above the NR 140 PAL, but below the ES. Historically, trace levels of petroleum compounds have been detected in groundwater from this well. To the best of our knowledge, the 1808 E. Marion Street parcel has always been residential, and as noted previously, no elevated detections of petroleum compounds have been noted in the groundwater from the adjacent 4300 N. Oakland Street property. Perhaps a residential spill of petroleum occurred at some point on the 1808 E. Marion parcel that continues to display low-level detections in the groundwater.

4) Trends in the concentration of VOC's over time appear generally stable to improving in groundwater from the most impacted monitoring wells MW-3 and MW-5, with detected concentrations in November 2019 within the range or below historic detections.

5) Trends in detected concentrations of VOCs in groundwater from well MW-9, downgradient and off-site beneath the 4312 building basement, have been trending downward over time.

6) Inorganic compounds were assessed to establish the pre-treatment baseline for comparison purposes. Results indicate elevated levels of iron are present in groundwater from well MW-8, at levels above the NR 140 ES for public welfare standards. Higher levels of sulfate and conductivity are present in the three wells on the 4312 property, which could reflect the impact from the use of salt for ice control in the parking lot where these three wells are located. The depth to water is very shallow in these wells, making the groundwater more susceptible to surface water infiltration.

Remaining Remedial Excavation

The remainder of the soil remedial action is scheduled for July 2020. Soil from beneath the former drycleaner building will be excavated and chemically treated, as previously approved by the WDNR, with testing and off-site disposal at the landfill upon confirmation that the treatment goals have been met. The remaining excavation boundaries are shown on **Figure 6**, along with planned final soil sample locations. The areas where soil treatment is necessary will still follow the original, approved plans that were previously submitted; the approximate location of treated soil areas shown on **Figure 6** have been simplified for clarity. Details regarding the depth and dimensions of the areas requiring chemical treatment of soils have been provided in previous submittals.

Following excavation, placement of an additional 10 cubic yards of BAM will be incorporated into the excavation base prior to backfilling and compacting to grade. After final placement of backfill, monitoring wells and piezometers will be installed, as required in the approved Remedial Action Plan and groundwater sampling will be conducted on a regular basis.

The following slight modification to the previously approved plan will be completed.

1) As previously discussed, the final surface restoration will be with grass vegetation, as required by the Village of Shorewood Permit. All asphalt and concrete surfaces from the two properties will be removed, and soil will be graded and imported as necessary to provide a six-to-nine-inch thick layer of soil for establishing grass vegetation. The final grade of the combined parcels will be generally level, with a slight slope to the south and west.

2) Removal of additional soil for direct landfill disposal will be completed from a few areas of the Property (**Figure 6**), including east and north of excavation sample EX-19 and EX-20 to a depth of three feet to eliminate trace detections of PCE in shallow soil in these areas.

3) Removal of additional soil will also be completed to remove the rest of the 4300 N. Oakland sanitary sewer lateral and underlying fill to a depth of eight feet, and the remainder of the 2-inch diameter steel petroleum pipe that was discovered in the fall excavation (**Figure 6**). Soil samples will be retained along the excavation base of both pipes to document remaining soil chemistry.

4) One four-inch diameter Schedule 40 PVC sump will be placed in the excavation backfill near the southeast corner of the 4312 building, within the 18-foot depth portion of the excavation. The sump will be installed to a depth of 15 feet and will be completed with a flush-mounted lid. We have found it is useful to have a larger-diameter groundwater access point available should future shallow groundwater monitoring, construction dewatering, or other remediation efforts prove necessary.

Well Installation and Groundwater Monitoring

Upon completion of the soil excavation, replacement and deeper groundwater monitoring wells will be installed; groundwater monitoring will be performed, as previously approved.

Closure

Closure can be pursued once groundwater monitoring trends demonstrate the effectiveness of the completed remedial action, with stable to declining concentrations. Closure will include off-site notifications and a need to continue operation of the vapor mitigation system on the 4312 building.

Redevelopment of the Property will occur once the site remediation is complete and an end user has been identified. Redevelopment that includes soil excavation will need to follow requirements for proper handling of excavated soil, including potential landfill disposal, depending on the location of the excavated material.

I trust this information meets your needs, and I will keep you posted as the remedial activities progress.

If you have any questions, please contact me via phone at 920.918.9024 or by email at ken.ebbott@sand-creek.com.

SAND CREEK CONSULTANTS, INC.

Kendrick Ebbott, PG
Project Manager

cc:

Attachments:

Table 1: Water Level Elevations
Table 2: Soil Analytical Results - VOCs
Table 3: Groundwater Chemistry Data
Table 4: Groundwater Field Parameters and Inorganic Analytes
Figure 1: Site Location
Figure 2: Site Layout and Sample Locations
Figure 3: Groundwater Elevation: November 11, 2019
Figure 4: Soil Excavation Sample Locations: Fall 2019
Figure 5: Groundwater Chemistry November 11 – 13, 2019
Figure 6: Proposed 2020 Excavation and Sample Locations
Attachment A: Soil Chemistry Laboratory Analytical Reports
Attachment B: Groundwater Chemistry Laboratory Analytical Reports

TABLES

TABLE 1
Water Level Elevations
Shorewood Queensway Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin
BRRTS No. 02-41-552089

Sample Location		Well Elevations (ft MSL)	Sample Date	Depth to Water (feet)[1]	Water Elev (ft MSL)
MW-1	Top of Casing [1]	689.79	2/27/2009	14.16	675.63
	Ground Surface	690.32	11/19/2009	2.22	687.57
	Stickup (ft)	-0.53	10/18/2010	2.95	686.84
	Total Depth [1]	17.65	5/5/2011	2.11	687.68
	Top of Screen [1]	7.65	1/26/2012	1.77	688.02
			4/4/2014	2.21	687.58
			1/23/2018	4.1	685.69
			11/11/2019	2.51	687.28
MW-2	Top of Casing [1]	690.90	2/27/2009	20.99	669.91
	Ground Surface	691.43	11/19/2009	14.11	676.79
	Stickup	-0.53	10/18/2010	6.05	684.85
	Total Depth [1]	21.5	5/5/2011	2.85	688.05
	Top of Screen [1]	11.53	1/26/2012	5.71	685.19
			4/4/2014	4.90	686.00
			1/23/2018	7.25	683.65
			11/11/2019	3.61	687.29
MW-3	Top of Casing [1]	690.99	2/27/2009	21.5	669.49
	Ground Surface	691.52	11/19/2009	6.71	684.28
	Stickup	-0.53	10/18/2010	9.61	681.38
	Total Depth [1]	21.4	5/5/2011	3.53	687.46
	Top of Screen [1]	11.4	1/26/2012	2.98	688.01
			4/4/2014	3.83	687.16
			1/23/2018	7.54	683.45
			11/11/2019	2.18	688.81
MW-4	Top of Casing [1]	690.65	2/26/2010	10.76	679.89
	Ground Surface	691.11	10/18/2010	3.32	687.33
	Stickup	-0.46	5/5/2011	0.30	690.35
	Total Depth [1]	18.25	1/26/2012	2.44	688.21
	Top of Screen [1]	8.25	4/4/2014	4.60	686.05
			1/23/2018	7.26	683.39
			11/11/2019	0.98	689.67

TABLE 1
Water Level Elevations
Shorewood Queensway Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin
BRRTS No. 02-41-552089

Sample Location		Well Elevations (ft MSL)	Sample Date	Depth to Water (feet)[1]	Water Elev (ft MSL)
MW-5	Top of Casing [1]	689.35	2/26/2010	10.02	679.33
	Ground Surface	689.83	10/18/2010	5.83	683.52
	Stickup	-0.48	5/5/2011	5.73	683.62
	Total Depth [1]	16.10	1/26/2012	6.55	682.80
	Top of Screen [1]	6.1	4/4/2014	5.40	683.95
			1/23/2018	7.13	682.22
			11/11/2019	1.42	687.93
MW-6	Top of Casing [1]	689.59	2/26/2010	6.98	682.61
	Ground Surface	690.09	10/18/2010	7.79	681.80
	Stickup	-0.50	5/5/2011	7.72	681.87
	Total Depth [1]	18	1/26/2012	7.60	681.99
	Top of Screen [1]	8	4/4/2014	6.66	682.93
			1/23/2018	7.62	681.97
			11/11/2019	6.22	683.37
MW-7	Top of Casing [1]	689.61	10/18/2010	14.16	675.45
	Ground Surface	689.97	5/5/2011	7.70	681.91
	Stickup	-0.23	1/26/2012	5.40	684.21
	Total Depth [1]	15.4	4/4/2014	7.21	682.40
	Top of Screen [1]	5.4	1/23/2018	7.19	682.42
			11/11/2019	4.22	685.39
MW-8	Top of Casing [1]	693.31	10/18/2010	18.4	674.91
	Ground Surface	693.87	5/5/2011	7.75	685.56
	Stickup	-0.56	1/26/2012	9.58	683.73
	Total Depth [1]	19.1	4/4/2014	10.81	682.50
	Top of Screen [1]	9.1	1/23/2018	10.78	682.53
			11/11/2019	4.31	689.00

TABLE 1
Water Level Elevations
Shorewood Queensway Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin
BRRTS No. 02-41-552089

Sample Location		Well Elevations (ft MSL)	Sample Date	Depth to Water (feet)[1]	Water Elev (ft MSL)	
MW-9	Top of Casing (estimated) [1]	681.69	10/18/2010	NOT INSTALLED		
	Ground Surface (estimated)	682*	5/5/2011	NOT INSTALLED		
	Stickup	-0.31	1/26/2012	NOT INSTALLED		
	Total Depth [1]	4.6	4/4/2014	0.7	680.99	*
	Top of Screen [1]	2.1	1/23/2018	1.20	680.49	*
			11/11/2019	0.94	680.75	*

Notes

--	Not analyzed
NR	Not reported
ft msl	feet above mean sea level
*	Estimated values

[1] (ft below PVC Lip)

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8	EX-9	EX-10
Date					11/7/19	11/7/19	11/7/19	11/13/19	11/13/19	11/13/19	11/13/19	11/13/19	11/15/19	11/15/19
Depth					3'	7'	4'	5.5'	2'	5'	2'	3'	8.5'	8.5'
Description					Wall Native Clay	Floor Native Clay	Wall Sand Fill	Floor Native Clay	Wall NW Clay	Floor Native Clay	Wall NE Clay	Wall SE Clay	Floor Native Clay	Floor Native Clay
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)					U	U	U	U	U	U	U	U	U	U
PID Reading					1.3	0.8	0.2	0.2	0.1	0.2	0.2	0.2	0.4	1.6
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					R	R	R	R	R	R	R	R	R	R
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	**1,250**	**922**	**56.3 J**	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	**368**
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**52.5 J**
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	--	--	--	--	--	--	--	--	--	--
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	--	--	--	--	--	--	--	--	--	--
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	<27.3	<27.3	<27.3	<27.3	<27.3	<27.3	<27.3	<27.3	<27.3	<27.3
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
-- = Parameter not analyzed
NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	EX-11	EX-12	EX-13	EX-14	EX-15	EX-16	EX-17	EX-18	EX-19	EX-20
Date					11/15/19	11/15/19	11/15/19	11/15/19	11/15/19	11/18/19	11/18/19	11/18/19	11/18/19	11/18/19
Depth					2'	5'	3'	10'	13'	10'	16'	3'	0-1'	2'
Description					Wall Sand fill	Floor Native Clay	Wall Clay under sand fill	Floor Native Clay	Floor Native Clay	Wall South Clay	Floor Native Clay	Floor Native Clay	Wall Topsoil	Floor Native Clay
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)					U	U	U	U	U	U	U	U	U	U
PID Reading					1.0	81.6	9.5	3.4	1.9	0.0	0.0	0.1	0.1	11.1
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					R	R	R	R	R	R	R	R	R	R
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	**300**	<38.7	**4,770**	**1,320**	<38.7	<38.7	<38.7	<38.7	**55.6 J**	**55.7 J**
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	<25.0	**30.9 J**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	--	--	--	--	--	--	--	--	--	--
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	--	--	--	--	--	--	--	--	--	--
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	<27.3	<27.3	<27.3	<27.3	<27.3	<27.3	<27.3	<27.3	<27.3	<27.3
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	<30	**85.6 J**	<30	<30	<30	<30	<30	<30	<30	<30
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	<25	**142**	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	<25	63.1 J	<25	<25	<25	<25	<25	<25	<25	<25
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	<25	40.2J	<25	<25	<25	<25	<25	<25	<25	<25
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
-- = Parameter not analyzed
NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	EX-21	EX-22	EX-23	EX-24	GP-1		GP-2	GP-3	SB-1		SB-2	
Date					11/18/19	11/18/19	11/18/19	11/18/19	5/19/02		5/19/02	5/19/02	2/25/09		2/25/09	
Depth					3'	5.5'	5'	0-1'	0.5-2'	5-6'	0-2'	1-2'	9-10'	25-26'	15-16'	27-28'
Description					Floor Native Clay	Floor Native Clay	Floor Native Clay	Wall Topsoil	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)					U	U	U	U	U	U	U	U	S	S	S	S
PID Reading					0.0	0.1	0.1	1.6	--	--	--	--	0.5	3.2	2.4	2.3
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					R	R	R	R	T	T	R	LF	R	R	R	R
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	<38.7	<38.7	<38.7	<38.7	**41,500**	**338,000**	<29	**2,070**	**240**	<4.5	**5.8**	<4.4
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	<25.0	<25.0	<25.0	<25.0	**81**	**259**	<29	<29	<1.1	<0.82	<0.84	<0.80
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<25.0	<25.0	<25.0	<25.0	<29	<28	<29	<29	<6.2	<4.5	<4.6	<4.4
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<25.0	<25.0	<25.0	<25.0	<29	<28	<29	<29	<6.2	<4.5	<4.6	<4.4
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<25.0	<25.0	<25.0	<25.0	<29	<28	<29	<29	<2.1	<1.5	<1.6	<1.5
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	<26.3	<26.3	<26.3	<26.3	<58	<56	<58	<57	--	--	--	--
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	<25.0	<25.0	<25.0	<25.0	<29	<28	<29	<29	--	--	--	--
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<25.0	<25.0	<25.0	<25.0	<29	<28	<29	<29	<6.2	<4.5	<4.6	<4.4
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<25.0	<25.0	<25.0	<25.0	<29	<28	<29	<29	6.9	<4.5	<4.6	<4.4
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<75.0	<75.0	<75.0	<75.0	<40	<39	<41	<40	<6.2	<4.5	<4.6	<4.4
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	<27.3	<27.3	<27.3	<27.3	<29	<28	<29	<29	<6.2	<4.5	<4.6	<4.4
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	<25	<25	<25	<25	<29	<28	<29	<29	<6.2	<4.5	<4.6	<4.4
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	<25	<25	<25	<25	<29	29	<29	<29	<6.2	<4.5	<4.6	<4.4
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS	<25	<25	<25	<25	<58	29	<58	<58	--			
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	<63.8	<63.8	<63.8	<63.8	<115	<113	<116	<115	--	--	--	--
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	<30	<30	<30	<30	<29	<28	<29	<29	--	--	--	--
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	<25	<25	<25	<25	<29	<28	<29	<29	<6.2	<4.5	<4.6	<4.4
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	<68.7	<68.7	<68.7	<68.7	<40	<39	<40	<40	--	--	--	--
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	<25	<25	<25	<25	<29	<28	<29	<29	ND	ND	ND	ND
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	<25	<25	<25	<25	<29	<28	<29	<29	<6.2	<4.5	<4.6	<4.4
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	<25	<25	<25	<25	<29	<28	<29	<29	<6.2	<4.5	<4.6	<4.4
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	<25	<25	<25	<25	<29	<28	<29	<29	<6.2	<4.5	<4.6	<4.4
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	<47.3	<47.3	<47.3	<47.3	<29	<28	<29	<29	--	--	--	--
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	<41.7	<41.7	<41.7	<41.7	<29	<28	<29	<29	--	--	--	--
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	<25	<25	<25	<25	<29	<28	<29	<29	--	--	--	--

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
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NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	SB-3			SB-4		SB-5		SB-6		SB-7		SB-8		SB-9	
Date					2/25/09			2/25/09		2/25/09		11/12/09		11/12/09		11/13/09		11/13/09	
Depth					3-4'	6-7'	27-28'	11-11.5'	12.5-13'	6-6.5'	10-10.5'	2-4'	12-14'	4-6'	12-14'	2-4'	12-14'	4-6'	12-14'
Description					CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	SILT	SILT	SILT	SILT	SILT	SILT	SILT	SILT
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)					U	U	S	S	S	U	S	U	S	U	S	U	S	U	S
PID Reading					11.1	3.0	0.1	2638	12.6	65.1	152.0	1.7	1.9	0.0	0.0	1.7	1.9	46.9	14.6
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					T	T	R	T	T	T	T	R	R	R	R	R	R	T	R
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	**53,000**	**64,000**	**8.0**	**3,500,000**	**370,000**	**300,000**	**4,100,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**72,000**	**72.6**
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	**4.8**	2.3	<0.88	**620**	**240**	**640**	**790**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<5	<4.7	<4.9	24.0	19.0	**160**	**87**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<5	<4.7	<4.9	<4.6	<4.5	<4.4	<4.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<1.7	<1.6	<1.7	< 1.6	< 1.5	< 1.5	1.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<5	<4.7	<4.9	6.4	5.6	<4.4	5.9	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<5	<4.7	<4.9	35.0	35.0	5.5	15.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	--	--	--	--	--	--	--	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<500	<50.0
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<5	<4.7	<4.9	28.0	23.0	<4.4	16.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<750	<75.0
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	<5	<4.7	<4.9	<4.6	<4.5	<4.4	<4.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	<5	<4.7	<4.9	<4.6	<4.5	<4.4	<4.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	<5	<4.7	<4.9	<4.6	<4.5	<4.4	<4.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS								<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<500	<50.0
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	--	--	--	--	--	--	--	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	<259	<25.9
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	--	--	--	--	--	--	--	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<404	<40.4
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	<5	<4.7	<4.9	<4.6	<4.5	<4.4	<4.5	<25.0	<25.0	<25.0	<25.0	112	<25.0	<250	<25.0
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	--	--	--	--	--	--	--	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<264	<26.4
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	ND	ND	ND	ND	ND	ND	ND	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	<5	<4.7	<4.9	<4.6	<4.5	<4.4	<4.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	<5	<4.7	<4.9	<4.6	<4.5	<4.4	<4.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	7.0	5.2	<4.9	<4.6	<4.5	5.3	<4.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	--	--	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<250	<25.0

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
-- = Parameter not analyzed
NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	SB-10		SB-11		SB-12		SB-13		SB-14		HA-1	HA-2	HA-3	HA-4	SB-15		SB-16	
Date					11/13/09		11/12/09		11/12/09		11/12/09		11/13/09		11/13/09	11/13/09	11/13/09	11/13/09	9/23/10		9/23/10	
Depth					6-8'	12-14'	6-8'	12-14'	6-8'	12-14'	4-6'	14-16'	4-6'	12-14'	5'	5'	5'	5'	6-8'	12-14'	6-8'	12-14'
Description					SILT	SILT	SILT	SILT	SILT	SILT	SILT	SILT	SILT	SILT	--	--	--	--	CLAY	CLAY	CLAY	CLAY
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)					U	S	U	S	U	S	U	S	U	S	U	U	U	U	U	S	U	S
PID Reading					33.8	17.3	60.4	0.0	1.9	0.0	0.4	0.1	9.5	17.3	--	--	--	--	0.0	0.0	--	--
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					R	R	T	LF	R	R	R	R	R	R	LF	LF	R	R	R	R	R	R
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	**526**	<25.0	**72,200**	**68.3 J**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**1,690**	**2,330**	**818**	**76.0**	< 25.0	< 25.0	< 25.0	< 25.0
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	<25.0	<25.0	**347 J**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<25.0	< 25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<25.0	< 25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	279	<25.0	<25.0	<25.0
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	<50.0	<50.0	<500	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<75.0	<75.0	<750	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	118	113	<25.0	<25.0	<25.0	<25.0	<25.0
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	<25.0	< 25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	<25.0	< 25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS	<50.0	<50.0	<500	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	<25.9	<25.9	<259	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	<40.4	<40.4	<404	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	<26.4	<26.4	<264	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	<25.0	<25.0	<250	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
-- = Parameter not analyzed
NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	SB-17		HA-5	HA-6	HA-1-4312		HA-2-4312		HA-1-4316		SB-18		SB-19		SB-20	
Date					9/23/10		9/23/10	9/23/10	2/5/14		2/5/14		2/6/14		7/14/15		7/14/15		7/14/15	
Depth					6-8'	18-20'	5'	5'	1'	1.5'	0.7'	5'	2'	6.5'	4-6'	10-12'	2-4'	14-16'	6-8'	14-16'
Description					CLAY	CLAY	--	--	CLAY	CLAY	FILL	CLAY	CLAY	CLAY	CLAY /SILT	CLAY /SILT	FILL/CLAY/SILT	CLAY /SILT	CLAY /SILT	CLAY /SILT
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)					U	S	U	U	U	S	U	S	S	S	U	S	U	S	U	S
PID Reading					--	--	--	--	800	3741.1	2404	2253	1777	1413	2.2	0.9	4.5	1.9	2.4	4.0
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					R	R	R	LF	R	R	R	R	R	R	R	R	R	R	R	R
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	<100	< 25.0	< 25.0	*8,390*	**307,000**	**294,000**	**2,560**	<49	<49	<49	<54	<54	**73 J**	<54	<54	<54
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	<100	<25.0	<25.0	*45.3 J*	**700**	**1,080**	<28	<28	<28	<28	<42	<42	<42	<42	<42	<42
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<100	<25.0	<25.0	*48.4 J*	**277**	**680**	<24	<24	<24	<24	<21	<21	<21	<21	<21	<21
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<100	<25.0	<25.0	<25.0	<29	<29	<29	<29	<29	<29	--	<24	<24	<24	<24	<24
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<100	<25.0	<25.0	<25.0	<21	<21	<21	<21	<21	<21	--	<10	<10	<10	<10	<10
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	<100	<25.0	<25.0	<25.0	<57	<57	<57	<57	<57	<57	--	<220	<220	<220	<220	<220
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	<100	<25.0	<25.0	<25.0	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<16	<16	<16	<16	<16	<16
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<100	<25.0	<25.0	<25.0	<10	<10	<10	<10	<10	<10	--	<27	<27	<27	<27	<27
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<100	<25.0	<25.0	<25.0	<20	<20	<20	<20	<20	<20	--	<31	<31	<31	<31	<31
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	<200	<50.0	<50.0	<50.0	<68	<68	<68	<68	<68	<68	--	<70	<70	<70	<70	<70
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	<100	<25.0	<25.0	<25.0	<31	<31	<31	<31	<31	<31	--	<29	<29	<29	<29	<29
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<300	<25.0	<25.0	<25.0	<99	<99	<99	<99	<99	<99	--	<99	<99	<99	<99	<99
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	**2,640**	<25.0	<25.0	<25.0	<114	<114	<114	<114	<114	<114	--	<87	<87	<87	<87	<87
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	<100	<25.0	<25.0	<25.0	<30	<30	<30	<30	<30	<30	--	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	1,880	<25.0	<25.0	<25.0	<26	<26	<26	<26	<26	<26	--	<78	<78	<78	<78	<78
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	594	<25.0	<25.0	<25.0	<26	<26	<26	<26	<26	<26	--	<89	<89	<89	<89	<89
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS	**2,474**	<50.0	<50.0	<50.0	<52	<52	<52	<52	<52	<52	--	<167	<167	<167	<167	<167
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	<100	<25.0	<25.0	<25.0	<13	<13	<13	<13	<13	<13	<39	<39	<39	<39	<39	<39
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	<100	<25.0	<25.0	<25.0	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	<100	<25.0	<25.0	<25.0	<27	<27	<27	<27	<27	<27	<15	<15	<15	<15	<15	<15
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	<104	<25.9	<25.9	<25.9	<30	<30	<30	<30	<30	<30	<23	<23	<23	<23	<23	<23
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	<100	<25.0	<25.0	<25.0	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	<162	<40.4	<40.4	<40.4	<26	<26	<26	<26	<26	<26	<86	<86	<86	<86	<86	<86
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	164 J	<25.0	<25.0	<25.0	<41	<41	<41	<41	<41	<41	<36	<36	<36	<36	<36	<36
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	<100	<25.0	<25.0	<25.0	<20	<20	<20	<20	<20	<20	<35	<35	<35	<35	<35	<35
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	<106	<26.4	<26.4	<26.4	<95	<95	<95	<95	<95	<95	--	<110	<110	<110	<110	<110
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	<100	<25.0	<25.0	<25.0	27.2 J	<25	<25	<25	<25	<25	<37	<37	<37	<37	<37	<37
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	203 J	<25.0	<25.0	<25.0	<31	<31	<31	<31	<31	<31	--	<56	<56	<56	<56	<56
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	201 J	<25.0	<25.0	<25.0	<24	<24	<24	<24	<24	<24	--	<35	<35	<35	<35	<35
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	<100	<25.0	<25.0	<25.0	--	--	--	--	**--**	--	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	<100	<25.0	<25.0	<25.0	<23	<23	<23	<23	<23	<23	--	<29	<29	<29	<29	<29
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	<100	<25.0	<25.0	<25.0	<12	<12	<12	<12	<12	<12	--	<13	<13	<13	<13	<13
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	<100	<25.0	<25.0	<25.0	<129	<129	<129	<129	<129	<129	--	<120	<120	<120	<120	<120
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	<100	<25.0	<25.0	<25.0	<79	<79	<79	<79	<79	<79	--	<85	<85	<85	<85	<85
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	<100	<25.0	<25.0	<25.0	<38	<38	<38	<38	<38	<38	--	<40	<40	<40	<40	<40
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	<100	<25.0	<25.0	<25.0	<23	<23	<23	<23	<23	<23	--	<33	<33	<33	<33	<33
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	<100	<25.0	<25.0	<25.0	<86	<86	<86	<86	<86	<86	--	<60	<60	<60	<60	<60

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
-- = Parameter not analyzed
NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID					SB-21		SB-22		SB-23		A			B			C				
Date					7/14/15		7/14/15		7/14/15		1/16/18			1/16/18			1/15/18				
Depth					6-8'	10-12'	4-6'	10-12'	6-8'	10-12'	0-0.5'	2-3'	15'	0-0.5'	2-3'	15'	0-0.5'	2-3'	8-9'	15'	20'
Description		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	CLAY /SILT	CLAY /SILT	CLAY /SILT	CLAY /SILT	CLAY /SILT	CLAY /SILT	CONC.	CLAY	CLAY	CONC.	CLAY	CLAY	CONC.	CLAY	CLAY	CLAY	CLAY
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)					U	S	U	S	U	S	U	U	S	U	U	S	U	U	S	S	S
PID Reading					0.2	0.0	1.2	0.8	3.4	3.0	--	27.2	18.6	--	19.1	87.3	--	16.3	2.4	0.2	0.2
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					R	R	R	R	R	R	LF	T	T	LF	T	T	LF	T	T	LF	R
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	<54	<54	<54	<54	<54	<54	**542**	**45,800**	**127,000**	**679**	**69,900**	**460,000**	**517**	**38,500**	**46,100**	**48.6 J**	<25.0
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	<42	<42	<42	<42	<42	<42	<25.0	<200	**845 J**	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<21	<21	<21	<21	<21	<21	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<24	<24	<24	<24	<24	<24	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<10	<10	<10	<10	<10	<10	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	<220	<220	<220	<220	<220	<220	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	<16	<16	<16	<16	<16	<16	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<27	<27	<27	<27	<27	<27	<25.0	<200	<500	<25.0	<250	<2,000	46.4 J	<200	<200	<25.0	<25.0
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<31	<31	<31	<31	<31	<31	<25.0	<200	<500	<25.0	<250	<2,000	390	<200	<200	<25.0	<25.0
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	<70	<70	<70	<70	<70	<70	<50.0	<400	<1,000	<50.0	<500	<4,000	229	<400	<400	<50.0	<50.0
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	<29	<29	<29	<29	<29	<29	<25.0	<200	<500	<25.0	<250	<2,000	90.4	<200	<200	<25.0	<25.0
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<99	<99	<99	<99	<99	<99	<75.0	<600	<1,500	<75.0	<750	<6,000	319.4	<600	<600	<75.0	<75.0
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	<87	<87	<87	<87	<87	<87	<40.0	<320	<801	<40.0	<400	<3,200	<40.0	<320	<320	<40.0	<40.0
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	<25	<25	<25	<25	<25	<25	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	<78	<78	<78	<78	<78	<78	<25.0	<200	<500	<25.0	<250	<2,000	50.2 J	<200	<200	<25.0	<25.0
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	<89	<89	<89	<89	<89	<89	<25.0	<200	<500	<25.0	<250	<2,000	26.0 J	<200	<200	<25.0	<25.0
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS	<167	<167	<167	<167	<167	<167	<50.0	<400	<1,000	<50.0	<500	<4,000	76.2	<400	<400	<50.0	<50.0
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	<39	<39	<39	<39	<39	<39	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	--	--	--	--	--	--	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	<15	<15	<15	<15	<15	<15	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	<23	<23	<23	<23	<23	<23	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	--	--	--	--	--	--	<69.9	<559	<1,400	<69.9	<699	<5,590	<69.9	<559	<559	<69.9	<69.9
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	<86	<86	<86	<86	<86	<86	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	<36	<36	<36	<36	<36	<36	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	<35	<35	<35	<35	<35	<35	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	<110	<110	<110	<110	<110	<110	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	<37	<37	<37	<37	<37	<37	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	<56	<56	<56	<56	<56	<56	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	<35	<35	<35	<35	<35	<35	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	--	--	--	--	--	--	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	<29	<29	<29	<29	<29	<29	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	<13	<13	<13	<13	<13	<13	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	<120	<120	<120	<120	<120	<120	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	<85	<85	<85	<85	<85	<85	<47.6	<380	<951	<47.6	<476	<3,800	<47.6	<380	<380	<47.6	<47.6
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	<40	<40	<40	<40	<40	<40	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	<33	<33	<33	<33	<33	<33	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	<60	<60	<60	<60	<60	<60	<25.0	<200	<500	<25.0	<250	<2,000	<25.0	<200	<200	<25.0	<25.0

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
-- = Parameter not analyzed
NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID					E	F				H			I				J			
Date					1/16/18	1/15/18				1/16/18			1/15/18				1/15/18			
Depth					0-0.5'	2-3'	8-9'	15'	16'	2-3'	8-9'	15'	2-3'	7'	12'	15'	2-3'	7'	12'	15'
Description		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	CONC.	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)					U	U	S	S	S	U	S	S	U	U	S	S	U	U	S	S
PID Reading					--	5.2	286	10.1	--	0.0	0.0	0.0	4.7	1.0	5.2	8.6	0.7	2.2	16.1	15.3
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					LF	LF	T	LF	LF	LF	LF	R	T	T	LF	LF	LF	T	T	T
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	**2,120**	**11,800**	**19,100,000**	**2,070**	**416**	<25.0	**5,160**	<25.0	**38,500**	**14,600**	**752**	**4,030**	**159**	**27,300**	**31,400**	**50,400**
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	<25.0	<50.0	<62,500	**86.3**	<25.0	<25.0	**129**	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<25.0	<50.0	<62,500	**41.4 J**	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	<50.0	<100	<125,000	<50.0	<50.0	<50.0	<50.0	<50.0	<400	<125	<50.0	<50.0	<50.0	<263	<250	<400
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<75.0	<150	<187,500	<75.0	<75.0	<75.0	<75.0	<75.0	<600	<187.5	<75.0	<75.0	<75.0	<395	<375	<600
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	<40.0	<80.1	<100,000	<40.0	<40.0	<40.0	<40.0	<40.0	<320	<100	<40.0	<40.0	<40.0	<211	<200	<320
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS	<50.0	<100	<125,000	<50.0	<50.0	<50.0	<50.0	<50.0	<400	<125	<50.0	<50.0	<50.0	<264	<250	<400
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	<69.9	<140	<175,000	<69.9	<69.9	<69.9	<69.9	<69.9	<559	<175	<69.9	<69.9	<69.9	<368	<350	<559
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	<47.6	<95.1	<119,000	<47.6	<47.6	<47.6	<47.6	<47.6	<380	<119	<47.6	<47.6	<47.6	<250	<238	<380
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	<25.0	<50.0	<62,500	<25.0	<25.0	<25.0	<25.0	<25.0	<200	<62.5	<25.0	<25.0	<25.0	<132	<125	<200

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
-- = Parameter not analyzed
NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID					K				L				M					N			
Date					1/15/18				1/15/18				1/15/18					1/15/18			
Depth					3'	6'	10'	15'	3'	6'	10'	15'	0-0.5'	2-3'	5-6'	9-10'	15'	2-3'	5-6'	9-10'	15'
Description		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CONC.	CLAYEY GRVL	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)					U	U	S	S	U	U	S	S	U	U	U	S	S	U	U	S	S
PID Reading					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	1.9	20.3	25.8	90.4	0.0	0.0	0.0	0.0
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					LF	LF	R	R	R	R	R	R	LF	LF	T	T	T	R	R	R	R
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	**3,490**	**3,530**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**402**	**9,190**	**81,000**	**518,000**	**692,000**	**226**	<25.0	<25.0	<25.0
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	**162**	**172**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	30.9 J	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	220	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	146	<100	<1,000	<6,250	<6,250	<50.0	<50.0	<50.0	<50.0
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	48.6 J	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	194.6	<150	<1,500	<9,370	<9,370	<75.0	<75.0	<75.0	<75.0
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<80.1	<801	<5,010	<5,010	<40.0	<40.0	<40.0	<40.0
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<1,000	<6,240	<6,240	<50.0	<50.0	<50.0	<50.0
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<140	<1,400	<8,740	<8,740	<69.9	<69.9	<69.9	<69.9
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<95.1	<951	<5,940	<5,940	<47.6	<47.6	<47.6	<47.6
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<500	<3,120	<3,120	<25.0	<25.0	<25.0	<25.0

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
-- = Parameter not analyzed
NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID					O			P			Q			R			S			T			
Date					1/15/18			1/15/18			1/15/18			1/15/18			1/15/18			1/15/18			
Depth					2'	6'	10'	2'	6'	10'	2'	6'	10'	2'	6'	10'	2'	6'	10'	2-3'	5-6'	9-10'	15'
Description		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)					U	U	S	U	U	S	U	U	S	U	U	S	U	U	S	U	U	S	S
PID Reading					0.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					R	R	R	R	R	R	LF	R	R	R	R	R	R	R	R	R	R	R	R
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	**446**	<25.0	<25.0	**156**	**132**	**403**	**335**	**37.8 J**	<25.0	**69.1 J**	<25.0	<25.0	**186**	<25.0	**62.3 J**	<25.0	<25.0	<25.0	**49.3 J**
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	<25.0	33.8 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	<25.0	88.9	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	<25.0	39.9 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
-- = Parameter not analyzed
NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

Table 2
Soil Analytical Results - VOCs
Shorewood Queensway Cleaners
4300 N. Oakland Ave., Shorewood, WI 53211
BRRTS# 02-41-552089

Sample ID		Groundwater Pathway RCL (ug/kg)	Industrial Direct-Contact (0-4') RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	U				V			W			X			Trip Blank	SB-07	SB-08
Date					1/15/18				1/15/18			1/15/18			1/16/18			1/16/18	1/25/95	1/25/95
Depth					2-3'	5-6'	9-10'	15'	2'	6'	10'	2-3'	7-8'	12'	2-3'	7-8'	9'	--	1-3'	1-3'
Description					CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY	--	CLAY	CLAY
DEPTH to Seasonal Low Water Table (ft BGS)					8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	--	8'	8'
Saturated (S) or Unsaturated (U)					U	U	S	S	U	U	S	U	U	S	U	U	S	--	U	U
PID Reading					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	--	--
Post-Excvn Status (R- remain, T - Treated, LF - Dug and direct LF)					R	R	R	R	R	R	R	LF	R	R	R	R	R		R	R
Tetrachloroethene (PCE)	(ug/kg)	*4.50*	**145,000**	**33,000**	**242**	<25.0	**754**	**89.4**	**338**	**77.2**	**45.8 J**	**136**	**490**	<25.0	**154**	<25.0	<25.0	<25.0	<1.2	**230**
Trichloroethene (TCE)	(ug/kg)	*3.60*	**8,410**	**1,300**	<25.0	<25.0	**104**	<25.0	<25.0	<25.0	<25.0	<25.0	**35.9 J**	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
cis-1,2-Dichloroethene	(ug/kg)	*41.2*	**2,340,000**	**156,000**	<25.0	<25.0	37.9 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
trans-1,2-Dichloroethene	(ug/kg)	*62.6*	**1,860,000**	**1,560,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
Vinyl Chloride	(ug/kg)	*0.1*	**2,080**	**67**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<3.0	<3.4
Methylene Chloride	(ug/kg)	*2.6*	**1,150,000**	**61,800**	<25.0	<25.0	<25.0	<25.0	<25.0	**<25.0**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<6.0	<5.7
Benzene	(ug/kg)	*5.12*	**7,070**	**1,600**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<29
Ethylbenzene	(ug/kg)	*1,570*	**35,400**	**8,020**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<29
Toluene	(ug/kg)	*1,107*	**818,000**	**818,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
m&p-Xylene	(ug/kg)	NS	**778,000**	**778,000**	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	--	--
o-Xylene	(ug/kg)	NS	**434,000**	**434,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
Xylenes (TOTAL)	(ug/kg)	*3,960*	**260,000**	**260,000**	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<1.2	<1.1
Naphthalene	(ug/kg)	*658*	**24,100**	**5,520**	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<3.6	<3.4
MTBE	(ug/kg)	*27*	**282,000**	**63,800**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
1,2,4-Trimethylbenzene	(ug/kg)	NS	**219,000**	**219,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
1,3,5-Trimethylbenzene	(ug/kg)	NS	**182,000**	**182,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/kg)	*1,382*	NS	NS	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<1.2	<1.1
Bromobenzene	(ug/kg)	NS	**679,000**	**342,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
Bromochloromethane	(ug/kg)	NS	**906,000**	**216,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
Bromodichloromethane	(ug/kg)	*0.3*	**1,830**	**418**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
Bromoform	(ug/kg)	*2.3*	**113,000**	**25,400**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
Bromomethane	(ug/kg)	*5.1*	**43,000**	**9,600**	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<1.2	<115
n-Butylbenzene	(ug/kg)	NS	**108,000**	**108,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
sec-Butylbenzene	(ug/kg)	NS	**145,000**	**145,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
tert-Butylbenzene	(ug/kg)	NS	**183,000**	**183,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<3.6	<3.4
Hexachloro-1,3-butadiene	(ug/kg)	NS	**7,450**	**1,630**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
Isopropylbenzene	(ug/kg)	NS	**268,000**	**268,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
p-Isopropyltoluene	(ug/kg)	NS	**162,000**	**162,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
n-Propylbenzene	(ug/kg)	NS	**264,000**	**264,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
Styrene	(ug/kg)	*220*	**867,000**	**867,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
1,1,1,2-Tetrachloroethane	(ug/kg)	*53.4*	**12,300**	**2,780**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
1,1,2,2-Tetrachloroethane	(ug/kg)	*0.2*	**3,600**	**810**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
1,2,3-Trichlorobenzene	(ug/kg)	NS	**934,000**	**62,600**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
1,2,4-Trichlorobenzene	(ug/kg)	*408*	**113,000**	**24,000**	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<1.2	<1.1
1,1,1-Trichlorethane	(ug/kg)	*140.2*	**640,000**	**640,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
1,1,2-Trichlorethane	(ug/kg)	*3.2*	**7,010**	**1,590**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1
Trichlorofluoromethane	(ug/kg)	NS	**1,230,000**	**1,120,000**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<1.2	<1.1

Bold font with outline indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 3/1/17.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Notes:
Analytes with no historic detections not shown
NS = No standard established
-- = Parameter not analyzed
NR = Parameter not reported
RCL = Residual Contaminant Level
DC = Direct Contact

TABLE 3
Groundwater Chemistry Data
Former Shorewood Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin

Sample Location	Sample Date	Groundwater Elevation (ft)		Tetra chloro ethene (PCE) (ug/L)	Trichloro ethene (TCE) (ug/L)	cis-1,2-Dichloro ethene (ug/L)	trans-1,2-Dichloro ethene (ug/L)	Vinyl Chloride (ug/L)	Methylene Chloride (ug/L)	Chloro methane (ug/L)	Benzene (ug/L)	Ethyl benzene (ug/L)	Toluene (ug/L)	m&p Xylene (ug/L)	o-Xylene (ug/L)	Xylenes (TOTAL) (ug/L)	Naph thalene (ug/L)	MTBE (ug/L)	1,2,4-Trimethyl benzene (ug/L)	1,3,5-Trimethyl benzene (ug/L)
			NR 140 ES	5	5	70	100	0.2	5	30	5	700	800	NS	NS	2,000	100	60	NS	NS
			NR 140 PAL	0.5	0.5	7	20	0.02	0.5	3	0.5	140	160	NS	NS	400	10	12	NS	NS
SB-5	2/26/09	--		**170,000**	**1,700**	**4,600**	**100**	**2,300**	--	<5.0	--	--	5.5	--	--	--	--	--	--	--
SB-7	11/19/09	--		**0.95 J**	<0.48	<0.83	<0.89	<0.18	<0.43	0.32 J	<0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
SB-8	11/19/09	--		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	1.1	<0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
SB-9	11/20/09	--		**373**	<1.9	<3.3	<3.6	<0.72	<1.7	<0.96	<1.6	<2.2	<2.7	<7.2	<3.3	<10.5	<3.6	<2.4	<3.9	<3.3
SB-10	11/20/09	--		**53.2**	<0.48	<0.83	<0.89	<0.18	<0.43	**3.2**	<0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
SB-12	11/20/09	--		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	0.83 J	<0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
SB-14	11/19/09	--		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	1.3	<0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
SB-20W	7/14/15	--		<0.49	<0.47	<0.45	<0.54	<0.17	<1.3	<1.9	<0.44	<0.71	<0.44	<2.2	<0.9	<3.1	<1.6	<1.1	<1.6	<1.5
SB-22W	7/14/15	--		<0.49	<0.47	<0.45	<0.54	<0.17	<1.3	<1.9	<0.44	<0.71	<0.44	<2.2	<0.9	<3.1	<1.6	<1.1	<1.6	<1.5
MW-1	2/27/09	675.63		<5.0	<5.0	<5.0	<5.0	<2.0	--	<10	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
	11/20/09	687.57		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	10/18/10	686.84		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	5/5/11	687.68		**0.61 J**	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	1/27/12	688.02		<0.50	<0.20	<0.50	<0.50	<0.20	<1.0	<0.30	<0.20	<0.50	<0.50	--	--	<0.50	<0.25	<0.50	<0.20	<0.20
	4/4/14	687.58		<0.33	<0.33	<0.38	<0.35	<0.18	<0.5	<0.81	0.46 J	<0.55	1.87 J	<0.69	<0.63	<1.32	<1.7	<0.23	<2.2	<1.4
	1/23/18	685.69		<0.50	<0.33	<0.26	<0.26	<0.18	<0.23	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.5	<2.5	<0.17	<0.50	<0.50
	11/11/19	687.28		0.44 J	<0.26	<0.27	<1.1	<0.17	<0.58	<2.2	<0.25	<0.22	<0.17	--	--	<1.5	<1.2	<1.2	<0.84	<0.87
MW-2	2/27/09	669.91		<5.0	<5.0	<5.0	<5.0	<2.0	--	<10	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
	11/19/09	676.79		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	10/18/10	684.85		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	5/5/11	688.05		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	1/27/12	685.19		<0.50	<0.20	<0.50	<0.50	<0.20	<1.0	<0.30	<0.20	<0.50	<0.50	--	--	<0.50	<0.25	<0.50	<0.20	<0.20
	4/4/14	686.00		<0.33	<0.33	<0.38	<0.35	<0.18	<0.5	<0.81	<0.24	<0.55	<0.69	<0.69	<0.63	<1.32	<1.7	<0.23	<2.2	<1.4
	1/23/18	683.65		<0.50	<0.33	<0.26	<0.26	<0.18	<0.23	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.5	<2.5	<0.17	<0.50	<0.50
	11/11/19	687.29		<0.33	<0.26	<0.27	<1.1	<0.17	<0.58	<2.2	<0.25	<0.22	<0.17	--	--	<1.5	<1.2	<1.2	<0.84	<0.87
MW-3	2/27/09	669.49		**1,200**	<5.0	<5.0	<5.0	<2.0	--	<10	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
	11/20/09	684.28		**90.0**	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
		--	DUP	**95.0**	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	10/18/10	681.38		**23.7**	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	5/5/11	687.46		**16.0**	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	1/27/12	688.01		**8.9**	<0.20	<0.50	<0.50	<0.20	<1.0	<0.30	<0.20	<0.50	<0.50	--	--	<0.50	<0.25	<0.50	<0.20	<0.20
	4/4/14	687.16		**50**	<0.33	<0.38	<0.35	<0.18	<0.5	<0.81	<0.24	<0.55	<0.69	<0.69	<0.63	<1.32	<1.7	<0.23	<2.2	<1.4
	1/23/18	683.45		**82.3**	<0.33	<0.26	<0.26	<0.18	<0.23	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.5	<2.5	<0.17	<0.50	<0.50
	11/11/19	688.81		**39.8**	0.28 J	0.50 J	<1.1	<0.17	<0.58	<2.2	<0.25	<0.22	<0.17	--	--	<1.5	<1.2	<1.2	<0.84	<0.87
MW-4	2/26/10	679.89		<0.45	<0.48	<0.83	<0.89	<0.18	--	<0.24	<0.41	ND	<0.67	--	--	--	ND	--	ND	ND
	10/18/10	687.33		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	5/5/11	690.35		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	1/27/12	688.21		<0.50	<0.20	<0.50	<0.50	<0.20	<1.0	<0.30	<0.20	<0.50	<0.50	--	--	<0.50	<0.25	<0.50	<0.20	<0.20
	4/4/14	686.05		<0.33	<0.33	<0.38	<0.35	<0.18	<0.5	<0.81	<0.24	<0.55	<0.69	<0.69	<0.63	<1.32	<1.7	<0.23	<2.2	<1.4
	1/23/18	683.39		<0.50	<0.33	<0.26	<0.26	<0.18	0.30 J	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.5	<2.5	<0.17	<0.50	<0.50
	11/12/19	689.67		<0.33	<0.26	<0.27	<1.1	<0.17	<0.58	<2.2	<0.25	<0.22	<0.17	--	--	<1.5	<1.2	<1.2	<0.84	<0.87

TABLE 3
Groundwater Chemistry Data
Former Shorewood Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin

Sample Location	Sample Date	Groundwater Elevation (ft)		Tetra chloro ethene (PCE) (ug/L)	Trichloro ethene (TCE) (ug/L)	cis-1,2-Dichloro ethene (ug/L)	trans-1,2-Dichloro ethene (ug/L)	Vinyl Chloride (ug/L)	Methylene Chloride (ug/L)	Chloro methane (ug/L)	Benzene (ug/L)	Ethyl benzene (ug/L)	Toluene (ug/L)	m&p Xylene (ug/L)	o-Xylene (ug/L)	Xylenes (TOTAL) (ug/L)	Naph thalene (ug/L)	MTBE (ug/L)	1,2,4-Trimethyl benzene (ug/L)	1,3,5-Trimethyl benzene (ug/L)
			NR 140 ES	5	5	70	100	0.2	5	30	5	700	800	NS	NS	2,000	100	60	NS	NS
			NR 140 PAL	0.5	0.5	7	20	0.02	0.5	3	0.5	140	160	NS	NS	400	10	12	NS	NS
MW-5	2/26/10	679.33		**239**	**10.7**	**17.9**	1.10	<0.18	--	0.34 J	<0.41	ND	<0.67	--	--	--	ND	--	ND	ND
	10/18/10	683.52		**978**	**45.1**	**63.7**	<8.9	<1.8	<4.3	<2.4	<4.1	<5.4	<6.7	<18.0	<8.3	<26.3	<8.9	<6.1	<9.7	<8.3
		--	DUP	**932**	**48.6**	**61.0**	<8.9	<1.8	<4.3	<2.4	<4.1	<5.4	<6.7	<18.0	<8.3	<26.3	<8.9	<6.1	<9.7	<8.3
	5/6/11	683.62		**747**	**31.0**	**44.2**	2.4 J	<0.45	<1.1	<0.60	<1.0	<1.4	<1.7	<4.5	<2.1	<6.6	<2.2	<1.5	<2.4	<2.1
		--	DUP	**689**	**30.9**	**40.9**	<8.9	<1.8	<4.3	<2.4	<4.1	<5.4	<6.7	<18.0	<8.3	<26.3	<8.9	<6.1	<9.7	<8.3
	1/27/12	682.80		**690**	**36**	**63**	1.9 J	<0.20	<1.0	<0.30	<0.20	<0.50	0.61 J	--	--	<0.50	<0.25	<0.50	<0.20	<0.20
		--	DUP	**660**	**30**	**45**	<5.0	<2.0	<10	<3.0	<2.0	<5.0	<5.0	--	--	<5.0	<2.5	<5.0	<2.0	<2.0
	4/4/14	683.95		**750**	**44**	**63**	<3.5	<1.8	<5	<8.1	<2.4	<5.5	<6.9	<6.9	<6.3	<13.2	<17	<2.3	<22	<14
		--	DUP	**710**	**39**	**63**	<3.5	<1.8	<5	<8.1	<2.4	<5.5	<6.9	<6.9	<6.3	<13.2	<17	<2.3	<22	<14
	1/23/18	682.22		**1,110**	**51.9**	**73.8**	4.1 J	<1.8	<2.3	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<15.0	<25.0	<1.7	<5.0	<5.0
	11/12/19	687.93		**675**	**39.5**	**64.8**	2.1 J	<0.17	<0.58	<2.2	<0.25	<0.22	<0.17	--	--	<1.5	<1.2	<1.2	<0.84	<0.87
MW-6	2/26/10	682.61		<0.45	<0.48	<0.83	<0.89	<0.18	--	0.41 J	<0.41	ND	<0.67	--	--	--	ND	--	ND	ND
	10/18/10	681.80		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	0.33 J	<0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	5/6/11	681.87		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	<0.24	<0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	1/27/12	681.99		<0.50	<0.20	<0.50	<0.50	<0.20	<1.0	<0.30	<0.20	<0.50	<0.50	--	--	<0.50	<0.25	<0.50	<0.20	<0.20
	4/4/14	682.93		<0.33	<0.33	<0.38	<0.35	<0.18	<0.5	<0.81	<0.24	<0.55	<0.69	<0.69	<0.63	<1.32	<1.7	<0.23	<2.2	<1.4
	1/23/18	681.97		<0.50	<0.33	<0.26	<0.26	<0.18	<0.23	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.5	<2.5	<0.17	<0.50	<0.50
	11/11/19	683.37		<0.33	<0.26	<0.27	<1.1	<0.17	<0.58	<2.2	<0.25	<0.22	<0.17	--	--	<1.5	<1.2	<1.2	<0.84	<0.87
MW-7	10/18/10	675.45		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	0.92 J	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	5/6/11	681.91		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	<0.24	<0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	1/27/12	684.21		<0.50	<0.20	<0.50	<0.50	<0.20	<1.0	<0.30	<0.20	<0.50	<0.50	--	--	<0.50	<0.25	<0.50	<0.20	<0.20
	4/4/14	682.40		<0.33	<0.33	<0.38	<0.35	<0.18	<0.5	<0.81	<0.24	<0.55	<0.69	<0.69	<0.63	<1.32	<1.7	<0.23	<2.2	<1.4
	1/23/18	682.42		<0.50	<0.33	<0.26	<0.26	<0.18	<0.23	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.5	<2.5	<0.17	<0.50	<0.50
	11/12/19	685.39		<0.33	<0.26	<0.27	<1.1	<0.17	<0.58	<2.2	<0.25	<0.22	<0.17	--	--	<1.5	<1.2	<1.2	<0.84	<0.87
MW-8	10/18/10	674.91		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	<0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	5/5/11	685.56		0.49 J	<0.48	<0.83	<0.89	<0.18	<0.43	<0.24	**0.64 J**	0.99 J	<0.67	<1.8	<0.83	<2.63	9.9	<0.61	4.7	3.1
	1/27/12	683.73		<0.50	<0.20	<0.50	<0.50	<0.20	<1.0	<0.30	0.21 J	<0.50	<0.50	--	--	<0.50	<0.25	<0.50	<0.20	<0.20
	4/4/14	682.50		<0.33	<0.33	<0.38	<0.35	<0.18	<0.5	<0.81	**0.84**	<0.55	<0.69	<0.69	<0.63	<1.32	6.2	<0.23	2.81 J	<1.4
	1/23/18	682.53		<0.50	<0.33	<0.26	<0.26	<0.18	<0.23	<0.50	**1.1**	1.5	<0.50	<1.0	<0.50	<1.5	<2.5	<0.17	0.94 J	<0.50
	11/12/19	689.00		<0.33	<0.26	<0.27	<1.1	<0.17	<0.58	<2.2	**0.94 J**	0.64 J	<0.17	--	--	<1.5	1.6 J	<1.2	<0.84	<0.87
MW-9	4/4/14	680.99		**47**	**6.0**	**56**	6.5	<0.18	<0.5	<0.81	<0.24	<0.55	<0.69	<0.69	<0.63	<1.32	<1.7	<0.23	<2.2	<1.4
	1/23/18	680.50		**12.6**	**2.6**	**41.3**	6.3	<0.18	<0.23	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.5	<2.5	<0.17	<0.50	<0.50
	11/13/19	680.75		**4.8**	**1.2**	**32.9**	4.0	<0.17	<0.58	<2.2	<0.25	<0.22	0.24 J	--	--	<1.5	<1.2	<1.2	<0.84	<0.87
Trip Blank	11/19/09	--		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	10/18/10	--		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	< 0.41	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	5/5/11	--		<0.45	<0.48	<0.83	<0.89	<0.18	<0.43	< 0.24	**1.7**	<0.54	<0.67	<1.8	<0.83	<2.63	<0.89	<0.61	<0.97	<0.83
	1/26/12	--		<0.50	<0.20	<0.50	<0.50	<0.20	<1.0	<0.30	<0.20	<0.50	<0.50	--	--	<0.50	<0.25	<0.50	<0.20	<0.20
	4/4/14	--		<0.33	<0.33	<0.38	<0.35	<0.18	<0.5	<0.81	<0.24	<0.55	<0.69	<0.69	<0.63	<1.32	<1.7	<0.23	<2.2	<1.4
	7/14/15	--		<0.49	<0.47	<0.45	<0.54	<0.17	<1.3	<1.9	<0.44	<0.71	<0.44	<2.2	<0.9	<3.1	<1.6	<1.1	<1.6	<1.5
	1/23/18	--		<0.50	<0.33	<0.26	<0.26	<0.18	<0.23	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.5	<2.5	<0.17	<0.50	<0.50
	11/12/19	--		<0.33	<0.26	<0.27	<1.1	<0.17	<0.58	<2.2	<0.25	<0.22	<0.17	--	--	<1.5	<1.2	<1.2	<0.84	<0.87

TABLE 3
Groundwater Chemistry Data
Former Shorewood Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin

Sample Location	Sample Date	Groundwater Elevation (ft)		Trimethyl benzene Total (1,2,4- & 1,3,5-) (ug/L)	Bromo benzene (ug/L)	Bromo chloro methane (ug/L)	Bromo dichloro methane (ug/L)	Bromoform (ug/L)	Bromo methane (ug/L)	n-Butyl benzene (ug/L)	sec-Butyl benzene (ug/L)	tert-Butyl benzene (ug/L)	Carbon Tetrachloride (ug/L)	Chloro benzene (ug/L)	Chloro ethane (ug/L)	Chloroform (ug/L)	2-Chloro toluene (ug/L)	4-Chloro toluene (ug/L)
			NR 140 ES	480	NS	NS	0.6	4.4	10	NS	NS	NS	5	NS	400	6	NS	NS
			NR 140 PAL	96	NS	NS	0.06	0.44	1	NS	NS	NS	0.5	NS	80	0.6	NS	NS
SB-5	2/26/09	--		--	--	--	--	--	--	--	--	--	--	18.0	--	6.4	--	--
SB-7	11/19/09	--		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
SB-8	11/19/09	--		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
SB-9	11/20/09	--		<7.2	<3.3	<3.9	<2.2	<3.8	<3.6	<3.7	<3.6	<3.9	<2.0	<1.6	<3.9	<5.2	<3.4	<3.0
SB-10	11/20/09	--		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
SB-12	11/20/09	--		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
SB-14	11/19/09	--		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
SB-20W	7/14/15	--		<3.1	<0.48	--	<0.46	<0.46	--	<1	<1.2	<1.1	<0.51	<0.46	<0.65	<0.43	<0.4	<0.63
SB-22W	7/14/15	--		<3.1	<0.48	--	<0.46	<0.46	--	<1	<1.2	<1.1	<0.51	<0.46	<0.65	<0.43	<0.4	<0.63
MW-1	2/27/09	675.63		--	--	--	--	--	--	ND	--	--	--	<5.0	--	--	--	--
	11/20/09	687.57		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	10/18/10	686.84		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	5/5/11	687.68		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	1/27/12	688.02		<0.40	<0.20	<0.50	<0.20	<0.20	<0.50	<0.20	<0.25	<0.20	<0.80	<0.20	<1.0	<0.20	<0.50	<0.20
	4/4/14	687.58		<3.6	<0.32	--	<0.37	<0.35	--	<0.35	<0.33	<0.36	<0.33	<0.24	<0.63	<0.28	<0.21	<0.21
	1/23/18	685.69		<1.0	<0.23	<0.34	<0.50	<0.50	<2.4	<0.50	<2.2	<0.18	<0.50	<0.50	<0.37	<2.5	<0.50	<0.21
	11/11/19	687.28		<1.71	<0.24	<0.36	<0.36	<4.0	<0.97	<0.71	<0.85	<0.30	<0.17	<0.71	<1.3	<1.3	<0.93	<0.76
MW-2	2/27/09	669.91		--	--	--	--	--	--	ND	--	--	--	<5.0	--	--	--	--
	11/19/09	676.79		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	10/18/10	684.85		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	5/5/11	688.05		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	1/27/12	685.19		<0.40	<0.20	<0.50	<0.20	<0.20	<0.50	<0.20	<0.25	<0.20	<0.80	<0.20	<1.0	<0.20	<0.50	<0.20
	4/4/14	686.00		<3.6	<0.32	--	<0.37	<0.35	--	<0.35	<0.33	<0.36	<0.33	<0.24	<0.63	<0.28	<0.21	<0.21
	1/23/18	683.65		<1.0	<0.23	<0.34	<0.50	<0.50	<2.4	<0.50	<2.2	<0.18	<0.50	<0.50	<0.37	<2.5	<0.50	<0.21
	11/11/19	687.29		<1.71	<0.24	<0.36	<0.36	<4.0	<0.97	<0.71	<0.85	<0.30	<0.17	<0.71	<1.3	<1.3	<0.93	<0.76
MW-3	2/27/09	669.49		--	--	--	--	--	--	ND	--	--	--	<5.0	--	--	--	--
	11/20/09	684.28		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
		--	DUP	<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	10/18/10	681.38		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	5/5/11	687.46		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	1/27/12	688.01		<0.40	<0.20	<0.50	<0.20	<0.20	<0.50	<0.20	<0.25	<0.20	<0.80	<0.20	<1.0	<0.20	<0.50	<0.20
	4/4/14	687.16		<3.6	<0.32	--	<0.37	<0.35	--	<0.35	<0.33	<0.36	<0.33	<0.24	<0.63	<0.28	<0.21	<0.21
	1/23/18	683.45		<1.0	<0.23	<0.34	<0.50	<0.50	<2.4	<0.50	<2.2	<0.18	<0.50	<0.50	<0.37	<2.5	<0.50	<0.21
	11/11/19	688.81		<1.71	<0.24	<0.36	<0.36	<4.0	<0.97	<0.71	<0.85	<0.30	<0.17	<0.71	<1.3	<1.3	<0.93	<0.76
MW-4	2/26/10	679.89		--	--	--	--	--	--	ND	--	--	--	<0.41	--	--	--	--
	10/18/10	687.33		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	5/5/11	690.35		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	1/27/12	688.21		<0.40	<0.20	<0.50	<0.20	<0.20	<0.50	<0.20	<0.25	<0.20	<0.80	<0.20	<1.0	<0.20	<0.50	<0.20
	4/4/14	686.05		<3.6	<0.32	--	<0.37	<0.35	--	<0.35	<0.33	<0.36	<0.33	<0.24	<0.63	<0.28	<0.21	<0.21
	1/23/18	683.39		<1.0	<0.23	<0.34	<0.50	<0.50	<2.4	<0.50	<2.2	<0.18	<0.50	<0.50	<0.37	<2.5	<0.50	<0.21
	11/12/19	689.67		<1.71	<0.24	<0.36	<0.36	<4.0	<0.97	<0.71	<0.85	<0.30	<0.17	<0.71	<1.3	<1.3	<0.93	<0.76

TABLE 3
Groundwater Chemistry Data
Former Shorewood Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin

Sample Location	Sample Date	Groundwater Elevation (ft)		Trimethyl benzene Total (1,2,4- & 1,3,5-) (ug/L)	Bromo benzene (ug/L)	Bromo chloro methane (ug/L)	Bromo dichloro methane (ug/L)	Bromoform (ug/L)	Bromo methane (ug/L)	n-Butyl benzene (ug/L)	sec-Butyl benzene (ug/L)	tert-Butyl benzene (ug/L)	Carbon Tetrachloride (ug/L)	Chloro benzene (ug/L)	Chloro ethane (ug/L)	Chloroform (ug/L)	2-Chloro toluene (ug/L)	4-Chloro toluene (ug/L)
			NR 140 ES	480	NS	NS	0.6	4.4	10	NS	NS	NS	5	NS	400	6	NS	NS
			NR 140 PAL	96	NS	NS	0.06	0.44	1	NS	NS	NS	0.5	NS	80	0.6	NS	NS
MW-5	2/26/10	679.33		--	--	--	--	--	--	ND	--	--	--	<0.41	--	--	--	--
	10/18/10	683.52		<18	<8.2	<9.7	<5.6	<9.4	<9.1	<9.3	<8.9	<9.7	<4.9	<4.1	<9.7	<13.0	<8.5	<7.4
		--	DUP	<18	<8.2	<9.7	<5.6	<9.4	<9.1	<9.3	<8.9	<9.7	<4.9	<4.1	<9.7	<13.0	<8.5	<7.4
	5/6/11	683.62		<4.5	<2.0	<2.4	<1.4	<2.4	<2.3	<2.3	<2.2	<2.4	<1.2	<1.0	<2.4	<3.2	<2.1	<1.8
		--	DUP	<18	<8.2	<9.7	<5.6	<9.4	<9.1	<9.3	<8.9	<9.7	<4.9	<4.1	<9.7	<13.0	<8.5	<7.4
	1/27/12	682.80		<0.40	<0.20	<0.50	<0.20	<0.20	<0.50	<0.20	<0.25	<0.20	<0.80	0.20 J	<1.0	<0.20	<0.50	<0.20
		--	DUP	<4.0	<2.0	<5.0	<2.0	<2.0	<5.0	<2.0	<2.5	<2.0	<8.0	<2.0	<10	<2.0	<5.0	<2.0
	4/4/14	683.95		<36	<3.2	--	<3.7	<3.5	--	<3.5	<3.3	<3.6	<3.3	<2.4	<6.3	<2.8	<2.1	<2.1
		--	DUP	<36	<3.2	--	<3.7	<3.5	--	<3.5	<3.3	<3.6	<3.3	<2.4	<6.3	<2.8	<2.1	<2.1
	1/23/18	682.22		<10.0	<2.3	<3.4	<5.0	<5.0	<24.3	<5.0	<21.9	<1.8	<5.0	<5.0	<3.7	<25.0	<5.0	<2.1
	11/12/19	687.93		<1.71	<0.24	<0.36	<0.36	<4.0	<0.97	<0.71	<0.85	<0.30	<0.17	<0.71	<1.3	<1.3	<0.93	<0.76
MW-6	2/26/10	682.61		--	--	--	--	--	--	ND	--	--	--	<0.41	--	--	--	--
	10/18/10	681.80		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	5/6/11	681.87		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	1/27/12	681.99		<0.40	<0.20	<0.50	<0.20	<0.20	<0.50	<0.20	<0.25	<0.20	<0.80	<0.20	<1.0	<0.20	<0.50	<0.20
	4/4/14	682.93		<3.6	<0.32	--	<0.37	<0.35	--	<0.35	<0.33	<0.36	<0.33	<0.24	<0.63	<0.28	<0.21	<0.21
	1/23/18	681.97		<1.0	<0.23	<0.34	<0.50	<0.50	<2.4	<0.50	<2.2	<0.18	<0.50	<0.50	<0.37	<2.5	<0.50	<0.21
	11/11/19	683.37		<1.71	<0.24	<0.36	<0.36	<4.0	<0.97	<0.71	<0.85	<0.30	<0.17	<0.71	<1.3	<1.3	<0.93	<0.76
MW-7	10/18/10	675.45		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	5/6/11	681.91		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	1/27/12	684.21		<0.40	<0.20	<0.50	<0.20	<0.20	<0.50	<0.20	<0.25	<0.20	<0.80	<0.20	<1.0	<0.20	<0.50	<0.20
	4/4/14	682.40		<3.6	<0.32	--	<0.37	<0.35	--	<0.35	<0.33	<0.36	<0.33	<0.24	<0.63	<0.28	<0.21	<0.21
	1/23/18	682.42		<1.0	<0.23	<0.34	<0.50	<0.50	<2.4	<0.50	<2.2	<0.18	<0.50	<0.50	<0.37	<2.5	<0.50	<0.21
	11/12/19	685.39		<1.71	<0.24	<0.36	<0.36	<4.0	<0.97	<0.71	<0.85	<0.30	<0.17	<0.71	<1.3	<1.3	<0.93	<0.76
MW-8	10/18/10	674.91		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	5/5/11	685.56		7.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	1/27/12	683.73		<0.40	<0.20	<0.50	<0.20	<0.20	<0.50	<0.20	<0.25	<0.20	<0.80	<0.20	<1.0	<0.20	<0.50	<0.20
	4/4/14	682.50		2.81	<0.32	--	<0.37	<0.35	--	0.61 J	<0.33	<0.36	<0.33	<0.24	<0.63	<0.28	<0.21	<0.21
	1/23/18	682.53		0.94	<0.23	<0.34	<0.50	<0.50	<2.4	<0.50	<2.2	<0.18	<0.50	<0.50	<0.37	<2.5	<0.50	<0.21
	11/12/19	689.00		<1.71	<0.24	<0.36	<0.36	<4.0	<0.97	<0.71	<0.85	<0.30	<0.17	<0.71	<1.3	<1.3	<0.93	<0.76
MW-9	4/4/14	680.99		<3.6	<0.32	--	<0.37	<0.35	--	<0.35	<0.33	<0.36	<0.33	<0.24	<0.63	<0.28	<0.21	<0.21
	1/23/18	680.50		<1.0	<0.23	<0.34	<0.50	<0.50	<2.4	<0.50	<2.2	<0.18	<0.50	<0.50	<0.37	<2.5	<0.50	<0.21
	11/13/19	680.75		<1.71	<0.24	<0.36	<0.36	<4.0	<0.97	<0.71	<0.85	<0.30	<0.17	<0.71	<1.3	<1.3	<0.93	<0.76
Trip Blank	11/19/09	--		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	10/18/10	--		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	5/5/11	--		<1.8	<0.82	<0.97	<0.56	<0.94	<0.91	<0.93	<0.89	<0.97	<0.49	<0.41	<0.97	<1.3	<0.85	<0.74
	1/26/12	--		<0.40	<0.20	<0.50	<0.20	<0.20	<0.50	<0.20	<0.25	<0.20	<0.80	<0.20	<1.0	<0.20	<0.50	<0.20
	4/4/14	--		<3.6	<0.32	--	<0.37	<0.35	--	<0.35	<0.33	<0.36	<0.33	<0.24	<0.63	<0.28	<0.21	<0.21
	7/14/15	--		<3.1	<0.48	--	<0.46	<0.46	--	<1	<1.2	<1.1	<0.51	<0.46	<0.65	<0.43	<0.4	<0.63
	1/23/18	--		<1.0	<0.23	<0.34	<0.50	<0.50	<2.4	<0.50	<2.2	<0.18	<0.50	<0.50	<0.37	<2.5	<0.50	<0.21
	11/12/19	--		<1.71	<0.24	<0.36	<0.36	<4.0	<0.97	<0.71	<0.85	<0.30	<0.17	<0.71	<1.3	<1.3	<0.93	<0.76

TABLE 3
Groundwater Chemistry Data
Former Shorewood Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin

Sample Location	Sample Date	Groundwater Elevation (ft)		1,2-Dibromo-3-chloro propane (ug/L)	Dibromo chloro methane (ug/L)	1,2-Dibromo ethane (EDB) (ug/L)	Dibromo methane (ug/L)	1,2-Dichloro benzene (ug/L)	1,3-Dichloro benzene (ug/L)	1,4-Dichloro benzene (ug/L)	Dichloro difluoro methane (ug/L)	1,1-Dichloro ethane (ug/L)	1,2-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	1,2-Dichloro propane (ug/L)	1,3-Dichloro propane (ug/L)	2,2-Dichloro propane (ug/L)	1,1-Dichloro propene (ug/L)	cis-1,3-Dichloro propene (ug/L)
			NR 140 ES	0.2	60	0.05	NS	600	600	75	1,000	850	5	7	5	NS	NS	NS	0.4
			NR 140 PAL	0.02	6	0.005	NS	60	120	15	200	85	0.5	0.7	0.5	NS	NS	NS	0.04
SB-5	2/26/09	--		--	--	--	--	--	--	--	--	--	--	7.7	--	--	--	11.0	--
SB-7	11/19/09	--		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
SB-8	11/19/09	--		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
SB-9	11/20/09	--		<6.7	<3.2	<2.2	<2.4	<3.3	<3.5	<3.8	<4.0	<3.0	<1.4	<2.3	<2.0	<2.4	<2.5	<3.0	<0.80
SB-10	11/20/09	--		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
SB-12	11/20/09	--		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
SB-14	11/19/09	--		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
SB-20W	7/14/15	--		<1.4	<0.45	<0.63	--	<0.46	<0.52	<0.49	<0.87	<1.1	<0.48	<0.65	<0.43	<0.42	<3.1	--	--
SB-22W	7/14/15	--		<1.4	<0.45	<0.63	--	<0.46	<0.52	<0.49	<0.87	<1.1	<0.48	<0.65	<0.43	<0.42	<3.1	--	--
MW-1	2/27/09	675.63		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/20/09	687.57		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	10/18/10	686.84		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	5/5/11	687.68		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	1/27/12	688.02		<0.50	--	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.20
	4/4/14	687.58		<0.88	<0.22	<0.44	--	<0.36	<0.28	<0.3	<0.44	<0.3	<0.41	<0.4	<0.32	<0.33	<0.36	--	--
	1/23/18	685.69		<2.2	<0.50	<0.18	<0.43	<0.50	<0.50	<0.50	<0.22	<0.24	<0.17	<0.41	<0.23	<0.50	<0.48	<0.44	<0.50
	11/11/19	687.28		<1.8	<2.6	<0.83	<0.94	<0.71	<0.63	<0.94	<0.50	<0.27	<0.28	<0.24	<0.28	<0.83	<2.3	<0.54	<3.6
MW-2	2/27/09	669.91		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/09	676.79		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	10/18/10	684.85		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	5/5/11	688.05		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	1/27/12	685.19		<0.50	--	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.20
	4/4/14	686.00		<0.88	<0.22	<0.44	--	<0.36	<0.28	<0.3	<0.44	<0.3	<0.41	<0.4	<0.32	<0.33	<0.36	--	--
	1/23/18	683.65		<2.2	<0.50	<0.18	<0.43	<0.50	<0.50	<0.50	<0.22	<0.24	<0.17	<0.41	<0.23	<0.50	<0.48	<0.44	<0.50
	11/11/19	687.29		<1.8	<2.6	<0.83	<0.94	<0.71	<0.63	<0.94	<0.50	<0.27	<0.28	<0.24	<0.28	<0.83	<2.3	<0.54	<3.6
MW-3	2/27/09	669.49		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/20/09	684.28		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
		--	DUP	<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	10/18/10	681.38		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	5/5/11	687.46		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	1/27/12	688.01		<0.50	--	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.20
	4/4/14	687.16		<0.88	<0.22	<0.44	--	<0.36	<0.28	<0.3	<0.44	<0.3	<0.41	<0.4	<0.32	<0.33	<0.36	--	--
	1/23/18	683.45		<2.2	<0.50	<0.18	<0.43	<0.50	<0.50	<0.50	<0.22	<0.24	<0.17	<0.41	<0.23	<0.50	<0.48	<0.44	<0.50
	11/11/19	688.81		<1.8	<2.6	<0.83	<0.94	<0.71	<0.63	<0.94	<0.50	<0.27	<0.28	<0.24	<0.28	<0.83	<2.3	<0.54	<3.6
MW-4	2/26/10	679.89		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/18/10	687.33		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	5/5/11	690.35		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	1/27/12	688.21		<0.50	--	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.20
	4/4/14	686.05		<0.88	<0.22	<0.44	--	<0.36	<0.28	<0.3	<0.44	<0.3	<0.41	<0.4	<0.32	<0.33	<0.36	--	--
	1/23/18	683.39		<2.2	<0.50	<0.18	<0.43	<0.50	<0.50	<0.50	<0.22	<0.24	<0.17	<0.41	<0.23	<0.50	<0.48	<0.44	<0.50
	11/12/19	689.67		<1.8	<2.6	<0.83	<0.94	<0.71	<0.63	<0.94	<0.50	<0.27	<0.28	<0.24	<0.28	<0.83	<2.3	<0.54	<3.6

TABLE 3
Groundwater Chemistry Data
Former Shorewood Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin

Sample Location	Sample Date	Groundwater Elevation (ft)		1,2-Dibromo-3-chloro propane (ug/L)	Dibromo chloro methane (ug/L)	1,2-Dibromo ethane (EDB) (ug/L)	Dibromo methane (ug/L)	1,2-Dichloro benzene (ug/L)	1,3-Dichloro benzene (ug/L)	1,4-Dichloro benzene (ug/L)	Dichloro difluoro methane (ug/L)	1,1-Dichloro ethane (ug/L)	1,2-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	1,2-Dichloro propane (ug/L)	1,3-Dichloro propane (ug/L)	2,2-Dichloro propane (ug/L)	1,1-Dichloro propene (ug/L)	cis-1,3-Dichloro propene (ug/L)
			NR 140 ES	**0.2**	**60**	**0.05**	NS	**600**	**600**	**75**	**1,000**	**850**	**5**	**7**	**5**	NS	NS	NS	**0.4**
			NR 140 PAL	**0.02**	**6**	**0.005**	**NS**	**60**	**120**	**15**	**200**	**85**	**0.5**	**0.7**	**0.5**	**NS**	**NS**	**NS**	**0.04**
MW-5	2/26/10	679.33		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/18/10	683.52		<16.8	<8.1	<5.6	<6.0	<8.3	<8.7	<9.5	<9.9	<7.5	<3.6	<5.7	<4.9	<6.1	<6.2	--	--
		--	DUP	<16.8	<8.1	<5.6	<6.0	<8.3	<8.7	<9.5	<9.9	<7.5	<3.6	<5.7	<4.9	<6.1	<6.2	--	--
	5/6/11	683.62		<4.2	<2.0	<1.4	<1.5	<2.1	<2.2	<2.4	<2.5	<1.9	<0.90	<1.4	<1.2	<1.5	<1.6	--	--
		--	DUP	<16.8	<8.1	<5.6	<6.0	<8.3	<8.7	<9.5	<9.9	<7.5	<3.6	<5.7	<4.9	<6.1	<6.2	--	--
	1/27/12	682.80		<0.50	--	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	--	--
		--	DUP	<5.0		<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.5	<5.0	--	--
	4/4/14	683.95		<8.8	<2.2	<4.4	--	<3.6	<2.8	<3	<4.4	<3	<4.1	<4	<3.2	<3.3	<3.6	--	--
		--	DUP	<8.8	<2.2	<4.4	--	<3.6	<2.8	<3	<4.4	<3	<4.1	<4	<3.2	<3.3	<3.6	--	--
	1/23/18	682.22		<21.6	<5.0	<1.8	<4.3	<5.0	<5.0	<5.0	<2.2	<2.4	<1.7	<4.1	<2.3	<5.0	<4.8	<4.4	<5.0
	11/12/19	687.93		<1.8	<2.6	<0.83	<0.94	<0.71	<0.63	<0.94	<0.50	<0.27	<0.28	<0.24	<0.28	<0.83	<2.3	<0.54	<3.6
MW-6	2/26/10	682.61		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/18/10	681.80		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	5/6/11	681.87		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	1/27/12	681.99		<0.50	--	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.20
	4/4/14	682.93		<0.88	<0.22	<0.44	--	<0.36	<0.28	<0.3	<0.44	<0.3	<0.41	<0.4	<0.32	<0.33	<0.36	--	--
	1/23/18	681.97		<2.2	<0.50	<0.18	<0.43	<0.50	<0.50	<0.50	<0.22	<0.24	<0.17	<0.41	<0.23	<0.50	<0.48	<0.44	<0.50
	11/11/19	683.37		<1.8	<2.6	<0.83	<0.94	<0.71	<0.63	<0.94	<0.50	<0.27	<0.28	<0.24	<0.28	<0.83	<2.3	<0.54	<3.6
MW-7	10/18/10	675.45		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	5/6/11	681.91		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	1/27/12	684.21		<0.50	--	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.20
	4/4/14	682.40		<0.88	<0.22	<0.44	--	<0.36	<0.28	<0.3	<0.44	<0.3	<0.41	<0.4	<0.32	<0.33	<0.36	--	--
	1/23/18	682.42		<2.2	<0.50	<0.18	<0.43	<0.50	<0.50	<0.50	<0.22	<0.24	<0.17	<0.41	<0.23	<0.50	<0.48	<0.44	<0.50
	11/12/19	685.39		<1.8	<2.6	<0.83	<0.94	<0.71	<0.63	<0.94	<0.50	<0.27	<0.28	<0.24	<0.28	<0.83	<2.3	<0.54	<3.6
MW-8	10/18/10	674.91		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	5/5/11	685.56		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	1/27/12	683.73		<0.50	--	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.20
	4/4/14	682.50		<0.88	<0.22	<0.44	--	<0.36	<0.28	<0.3	<0.44	<0.3	<0.41	<0.4	<0.32	<0.33	<0.36	--	--
	1/23/18	682.53		<2.2	<0.50	<0.18	<0.43	<0.50	<0.50	<0.50	<0.22	<0.24	<0.17	<0.41	<0.23	<0.50	<0.48	<0.44	<0.50
	11/12/19	689.00		<1.8	<2.6	<0.83	<0.94	<0.71	<0.63	<0.94	<0.50	<0.27	<0.28	<0.24	<0.28	<0.83	<2.3	<0.54	<3.6
MW-9	4/4/14	680.99		<0.88	<0.22	<0.44	--	<0.36	<0.28	<0.3	<0.44	<0.3	<0.41	<0.4	<0.32	<0.33	<0.36	--	--
	1/23/18	680.50		<2.2	<0.50	<0.18	<0.43	<0.50	<0.50	<0.50	<0.22	<0.24	<0.17	<0.41	<0.23	<0.50	<0.48	<0.44	<0.50
	11/13/19	680.75		<1.8	<2.6	<0.83	<0.94	<0.71	<0.63	<0.94	<0.50	<0.27	<0.28	<0.24	<0.28	<0.83	<2.3	<0.54	<3.6
Trip Blank	11/19/09	--		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	10/18/10	--		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	5/5/11	--		<1.7	<0.81	<0.56	<0.60	<0.83	<0.87	<0.95	<0.99	<0.75	<0.36	<0.57	<0.49	<0.61	<0.62	<0.75	<0.20
	1/26/12	--		<0.50	--	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.20
	4/4/14	--		<0.88	<0.22	<0.44	--	<0.36	<0.28	<0.3	<0.44	<0.3	<0.41	<0.4	<0.32	<0.33	<0.36	--	--
	7/14/15	--		<1.4	<0.45	<0.63	--	<0.46	<0.52	<0.49	<0.87	<1.1	<0.48	<0.65	<0.43	<0.42	<3.1	--	--
	1/23/18	--		<2.2	<0.50	<0.18	<0.43	<0.50	<0.50	<0.50	<0.22	<0.24	<0.17	<0.41	<0.23	<0.50	<0.48	<0.44	<0.50
	11/12/19	--		<1.8	<2.6	<0.83	<0.94	<0.71	<0.63	<0.94	<0.50	<0.27	<0.28	<0.24	<0.28	<0.83	<2.3	<0.54	<3.6

TABLE 3
Groundwater Chemistry Data
Former Shorewood Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin

Sample Location	Sample Date	Groundwater Elevation (ft)		trans-1,3 Dichloro propene (ug/L)	Diisopropyl ether (ug/L)	Hexachloro-1,3-butadiene (ug/L)	Isopropyl benzene (ug/L)	p-Isopropyl toluene (ug/L)	n-Propyl benzene (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloro ethane (ug/L)	1,1,2,2-Tetrachloro ethane (ug/L)	1,2,3-Trichloro benzene (ug/L)	1,2,4-Trichloro benzene (ug/L)	1,1,1-Trichloro ethane (ug/L)	1,1,2-Trichloro ethane (ug/L)	Trichloro fluoro methane (ug/L)	1,2,3-Trichloro propane (ug/L)
			NR 140 ES	0.4	NS	NS	NS	NS	NS	100	70	0.2	NS	70	200	5	NS	60
			NR 140 PAL	0.04	NS	NS	NS	NS	NS	10	7	0.02	NS	14	40	0.5	NS	12
SB-5	2/26/09	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-7	11/19/09	--		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
SB-8	11/19/09	--		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
SB-9	11/20/09	--		<0.76	<3.0	<2.7	<2.4	<2.7	<3.2	<3.4	<3.7	<0.80	<3.0	<3.9	<3.6	<1.7	<3.2	<4.0
SB-10	11/20/09	--		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
SB-12	11/20/09	--		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
SB-14	11/19/09	--		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
SB-20W	7/14/15	--		--	<0.44	<2.2	<0.82	<1.1	<0.77	--	<0.48	<0.52	<2.7	<1.7	<0.84	<0.48	<0.87	--
SB-22W	7/14/15	--		--	<0.44	<2.2	<0.82	<1.1	<0.77	--	<0.48	<0.52	<2.7	<1.7	<0.84	<0.48	<0.87	--
MW-1	2/27/09	675.63		--	--	--	ND	ND	ND	--	--	--	--	--	--	--	--	--
	11/20/09	687.57		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	10/18/10	686.84		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	5/5/11	687.68		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	1/27/12	688.02		<0.20	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.25	<0.20	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50
	4/4/14	687.58		--	<0.23	<1.5	<0.3	<0.31	<0.25	--	<0.33	<0.45	<1.8	<0.98	<0.33	<0.34	<0.71	--
	1/23/18	685.69		<0.23	<0.50	<2.1	<0.14	<0.50	<0.50	<0.50	<0.18	<0.25	<2.1	<2.2	<0.50	<0.20	<0.18	<0.50
	11/11/19	687.28		<4.4	<1.9	<1.2	<0.39	<0.80	<0.81	<0.47	<0.27	<0.28	<0.63	<0.95	<0.24	<0.55	<0.21	<0.59
MW-2	2/27/09	669.91		--	--	--	ND	ND	ND	--	--	--	--	--	--	--	--	--
	11/19/09	676.79		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	10/18/10	684.85		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	5/5/11	688.05		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	1/27/12	685.19		<0.20	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.25	<0.20	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50
	4/4/14	686.00		--	<0.23	<1.5	<0.3	<0.31	<0.25	--	<0.33	<0.45	<1.8	<0.98	<0.33	<0.34	<0.71	--
	1/23/18	683.65		<0.23	<0.50	<2.1	<0.14	<0.50	<0.50	<0.50	<0.18	<0.25	<2.1	<2.2	<0.50	<0.20	<0.18	<0.50
	11/11/19	687.29		<4.4	<1.9	<1.2	<0.39	<0.80	<0.81	<0.47	<0.27	<0.28	<0.63	<0.95	<0.24	<0.55	<0.21	<0.59
MW-3	2/27/09	669.49		--	--	--	ND	ND	ND	--	--	--	--	--	--	--	--	--
	11/20/09	684.28		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
		--	DUP	<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	10/18/10	681.38		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	5/5/11	687.46		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	1/27/12	688.01		<0.20	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.25	<0.20	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50
	4/4/14	687.16		--	<0.23	<1.5	<0.3	<0.31	<0.25	--	<0.33	<0.45	<1.8	<0.98	<0.33	<0.34	<0.71	--
	1/23/18	683.45		<0.23	<0.50	<2.1	<0.14	<0.50	<0.50	<0.50	<0.18	<0.25	<2.1	<2.2	<0.50	<0.20	<0.18	<0.50
	11/11/19	688.81		<4.4	<1.9	<1.2	<0.39	<0.80	<0.81	<0.47	<0.27	<0.28	<0.63	<0.95	<0.24	<0.55	<0.21	<0.59
MW-4	2/26/10	679.89		--	--	--	ND	ND	ND	--	--	--	--	--	--	--	--	--
	10/18/10	687.33		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	5/5/11	690.35		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	1/27/12	688.21		<0.20	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.25	<0.20	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50
	4/4/14	686.05		--	<0.23	<1.5	<0.3	<0.31	<0.25	--	<0.33	<0.45	<1.8	<0.98	<0.33	<0.34	<0.71	--
	1/23/18	683.39		<0.23	<0.50	<2.1	<0.14	<0.50	<0.50	<0.50	<0.18	<0.25	<2.1	<2.2	<0.50	<0.20	<0.18	<0.50
	11/12/19	689.67		<4.4	<1.9	<1.2	<0.39	<0.80	<0.81	<0.47	<0.27	<0.28	<0.63	<0.95	<0.24	<0.55	<0.21	<0.59

TABLE 3
Groundwater Chemistry Data
Former Shorewood Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin

Sample Location	Sample Date	Groundwater Elevation (ft)		trans-1,3 Dichloro propene (ug/L)	Diisopropyl ether (ug/L)	Hexachloro-1,3-butadiene (ug/L)	Isopropyl benzene (ug/L)	p-Isopropyl toluene (ug/L)	n-Propyl benzene (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloro ethane (ug/L)	1,1,2,2-Tetrachloro ethane (ug/L)	1,2,3-Trichloro benzene (ug/L)	1,2,4-Trichloro benzene (ug/L)	1,1,1-Trichloro ethane (ug/L)	1,1,2-Trichloro ethane (ug/L)	Trichloro fluoro methane (ug/L)	1,2,3-Trichloro propane (ug/L)
			NR 140 ES	0.4	NS	NS	NS	NS	NS	100	70	0.2	NS	70	200	5	NS	60
			NR 140 PAL	0.04	NS	NS	NS	NS	NS	10	7	0.02	NS	14	40	0.5	NS	12
MW-5	2/26/10	679.33		--	--	--	ND	ND	ND	--	--	--	--	--	--	--	--	--
	10/18/10	683.52		--	<7.6	<6.7	<5.9	<6.7	<8.1	<8.6	<9.2	<2.0	<7.4	<9.7	<9.0	<4.2	<7.9	<9.9
		--	DUP	--	<7.6	<6.7	<5.9	<6.7	<8.1	<8.6	<9.2	<2.0	<7.4	<9.7	<9.0	<4.2	<7.9	<9.9
	5/6/11	683.62		--	<1.9	<1.7	<1.5	<1.7	<2.0	<2.2	<2.3	<0.50	<1.8	<2.4	<2.2	<1.0	<2.0	<2.5
		--	DUP	--	<7.6	<6.7	<5.9	<6.7	<8.1	<8.6	<9.2	<2.0	<7.4	<9.7	<9.0	<4.2	<7.9	<9.9
	1/27/12	682.80		--	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.25	<0.20	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50
		--	DUP	--	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.5	<2.0	<2.5	<2.5	<5.0	<2.5	<5.0	<5.0
	4/4/14	683.95		--	<2.3	<15	<3	<3.1	<2.5	--	<3.3	<4.5	<18	<9.8	<3.3	<3.4	<7.1	--
		--	DUP	--	<2.3	<15	<3	<3.1	<2.5	--	<3.3	<4.5	<18	<9.8	<3.3	<3.4	<7.1	--
	1/23/18	682.22		<2.3	<5.0	<21.1	<1.4	<5.0	<5.0	<5.0	<1.8	<2.5	<21.3	<22.1	<5.0	<2.0	<1.8	<5.0
	11/12/19	687.93		<4.4	<1.9	<1.2	<0.39	<0.80	<0.81	<0.47	<0.27	<0.28	<0.63	<0.95	<0.24	<0.55	<0.21	<0.59
MW-6	2/26/10	682.61		--	--	--	ND	ND	ND	--	--	--	--	--	--	--	--	--
	10/18/10	681.80		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	5/6/11	681.87		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	1/27/12	681.99		<0.20	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.25	<0.20	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50
	4/4/14	682.93		--	<0.23	<1.5	<0.3	<0.31	<0.25	--	<0.33	<0.45	<1.8	<0.98	<0.33	<0.34	<0.71	--
	1/23/18	681.97		<0.23	<0.50	<2.1	<0.14	<0.50	<0.50	<0.50	<0.18	<0.25	<2.1	<2.2	<0.50	<0.20	<0.18	<0.50
	11/11/19	683.37		<4.4	<1.9	<1.2	<0.39	<0.80	<0.81	<0.47	<0.27	<0.28	<0.63	<0.95	<0.24	<0.55	<0.21	<0.59
MW-7	10/18/10	675.45		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	5/6/11	681.91		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	1/27/12	684.21		<0.20	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.25	<0.20	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50
	4/4/14	682.40		--	<0.23	<1.5	<0.3	<0.31	<0.25	--	<0.33	<0.45	<1.8	<0.98	<0.33	<0.34	<0.71	--
	1/23/18	682.42		<0.23	<0.50	<2.1	<0.14	<0.50	<0.50	<0.50	<0.18	<0.25	<2.1	<2.2	<0.50	<0.20	<0.18	<0.50
	11/12/19	685.39		<4.4	<1.9	<1.2	<0.39	<0.80	<0.81	<0.47	<0.27	<0.28	<0.63	<0.95	<0.24	<0.55	<0.21	<0.59
MW-8	10/18/10	674.91		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	5/5/11	685.56		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	1/27/12	683.73		<0.20	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.25	<0.20	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50
	4/4/14	682.50		--	<0.23	<1.5	0.31 J	0.63 J	0.31 J	--	<0.33	<0.45	<1.8	<0.98	<0.33	<0.34	<0.71	--
	1/23/18	682.53		<0.23	<0.50	<2.1	0.36 J	<0.50	0.51 J	<0.50	<0.18	<0.25	<2.1	<2.2	<0.50	<0.20	<0.18	<0.50
	11/12/19	689.00		<4.4	<1.9	<1.2	<0.39	<0.80	<0.81	<0.47	<0.27	<0.28	<0.63	<0.95	<0.24	<0.55	<0.21	<0.59
MW-9	4/4/14	680.99		--	<0.23	<1.5	<0.3	<0.31	<0.25	--	<0.33	<0.45	<1.8	<0.98	<0.33	<0.34	<0.71	--
	1/23/18	680.50		<0.23	<0.50	<2.1	<0.14	<0.50	<0.50	<0.50	<0.18	<0.25	<2.1	<2.2	<0.50	<0.20	<0.18	<0.50
	11/13/19	680.75		<4.4	<1.9	<1.2	<0.39	<0.80	<0.81	<0.47	<0.27	<0.28	<0.63	<0.95	<0.24	<0.55	<0.21	<0.59
Trip Blank	11/19/09	--		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	10/18/10	--		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	5/5/11	--		<0.19	<0.76	<0.67	<0.59	<0.67	<0.81	<0.86	<0.92	<0.20	<0.74	<0.97	<0.90	<0.42	<0.79	<0.99
	1/26/12	--		<0.20	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.25	<0.20	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50
	4/4/14	--		--	<0.23	<1.5	<0.3	<0.31	<0.25	--	<0.33	<0.45	<1.8	<0.98	<0.33	<0.34	<0.71	--
	7/14/15	--		--	<0.44	<2.2	<0.82	<1.1	<0.77	--	<0.48	<0.52	<2.7	<1.7	<0.84	<0.48	<0.87	--
	1/23/18	--		<0.23	<0.50	<2.1	<0.14	<0.50	<0.50	<0.50	<0.18	<0.25	<2.1	<2.2	<0.50	<0.20	<0.18	<0.50
	11/12/19	--		<4.4	<1.9	<1.2	<0.39	<0.80	<0.81	<0.47	<0.27	<0.28	<0.63	<0.95	<0.24	<0.55	<0.21	<0.59

TABLE 4
Groundwater Field Parameters and Inorganic Analytes
Shorewood Queensway Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin
BRRTS No. 02-41-552089

Sample	Sample Date	Groundwater Elevation (ft)		Temperature (◦C)	Dissolved Oxygen (field) (mg/l)	Specific Conductivity (mS/cm)	pH	ORP (ev)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)	Dissolved Iron* (ug/l)	Dissolved Manganese * (ug/l)	Sulfate* (mg/l)	Total Organic Carbon (mg/l)
			NR 140 ES	NS	NS	NS	NS	NS	NS	NS	NS	300	300	250	NS
			NR 140 PAL	NS	NS	NS	NS	NS	NS	NS	NS	150	60	125	NS
MW-1	11/20/09	687.57		17.39	0.7	1174	7.56	176	--	--	--	--	--	--	--
	10/18/10	686.84		18.02	3.3	1830	7.55	165	--	--	--	--	--	--	--
	5/5/11	687.68		13.61	3.1	1832	7.55	163	--	--	--	--	--	--	--
	1/27/12	688.02		16.21	--	1690	7.38	81	--	--	--	--	--	--	--
	4/4/14	687.58		7.91	5.90	2180	6.97	79	--	--	--	--	--	--	--
	1/23/18	685.69		12.30	2.63	2611	7.55	99.7	--	--	--	--	--	--	--
	11/11/19	687.28		15.70	3.50	2595	--	--	<0.66	<1.2	<1.2	<29.6	24.8	55.4	0.30 J
MW-2	11/19/09	676.79		15.33	0.8	869	7.43	234	--	--	--	--	--	--	--
	10/18/10	684.85		16.66	2.0	1300	7.48	133	--	--	--	--	--	--	--
	5/5/11	688.05		12.56	1.8	1304	7.51	104	--	--	--	--	--	--	--
	1/27/12	685.19		15.54	--	1340	7.39	108	--	--	--	--	--	--	--
	4/4/14	686.00		8.69	7.53	1760	6.81	59	--	--	--	--	--	--	--
	1/23/18	683.65		13.50	3.68	2109	7.80	57.1	--	--	--	--	--	--	--
	11/11/19	687.29		14.90	3.26	882	--	--	<0.66	<1.2	<1.2	<29.6	27.9	93.2	0.7
MW-3	11/20/09	684.28		15.22	0.2	796	7.38	188	--	--	--	--	--	--	--
	10/18/10	681.38		16.45	2.3	1130	7.44	220		--	--	--	--	--	--
	5/5/11	687.46		12.83	2.7	1139	7.41	173	--	--	--	--	--	--	--
	1/27/12	688.01		15.57	--	1110	7.35	112	--	--	--	--	--	--	--
	4/4/14	687.16		9.01	5.02	1360	6.79	6	--	--	--	--	--	--	--
	1/23/18	683.45		13.30	2.16	1065	7.49	77.8	--	--	--	--	--	--	--
	11/11/19	688.81		13.70	3.44	860	--	--	<0.66	<1.2	<1.2	<29.6	11.5	81.9	1.8
MW-4	10/18/10	687.33		14.91	5.7	1950	7.11	87	--	--	--	--	--	--	--
	5/5/11	690.35		13.72	5.9	2025	7.11	121	--	--	--	--	--	--	--
	1/27/12	688.21		13.49	--	1930	6.71	124	--	--	--	--	--	--	--
	4/4/14	686.05		6.51	0.0	3370	6.71	113	--	--	--	--	--	--	--
	1/23/18	683.39		10.80	2.25	2153	7.06	110	--	--	--	--	--	--	--
	11/11/19	689.67		12.30	3.40	2800	--	--	<0.66	<1.2	<1.2	<29.6	101	275	0.79
MW-5	10/18/10	683.52		16.78	2.0	1630	7.35	76	--	--	--	--	--	--	--
	5/6/11	683.62		12.83	2.3	1649	7.24	86	--	--	--	--	--	--	--
	1/27/12	682.80		15.28	--	1530	7.12	83	--	--	--	--	--	--	--
	4/4/14	683.95		7.24	3.9	2320	6.84	102	--	--	--	--	--	--	--
	1/23/18	682.22		11.00	2.82	4932	7.35	72	--	--	--	--	--	--	--
	11/11/19	687.93		13.20	3.36	2145	--	--	9.6	<1.2	<1.2	<29.6	46.0	108	0.61

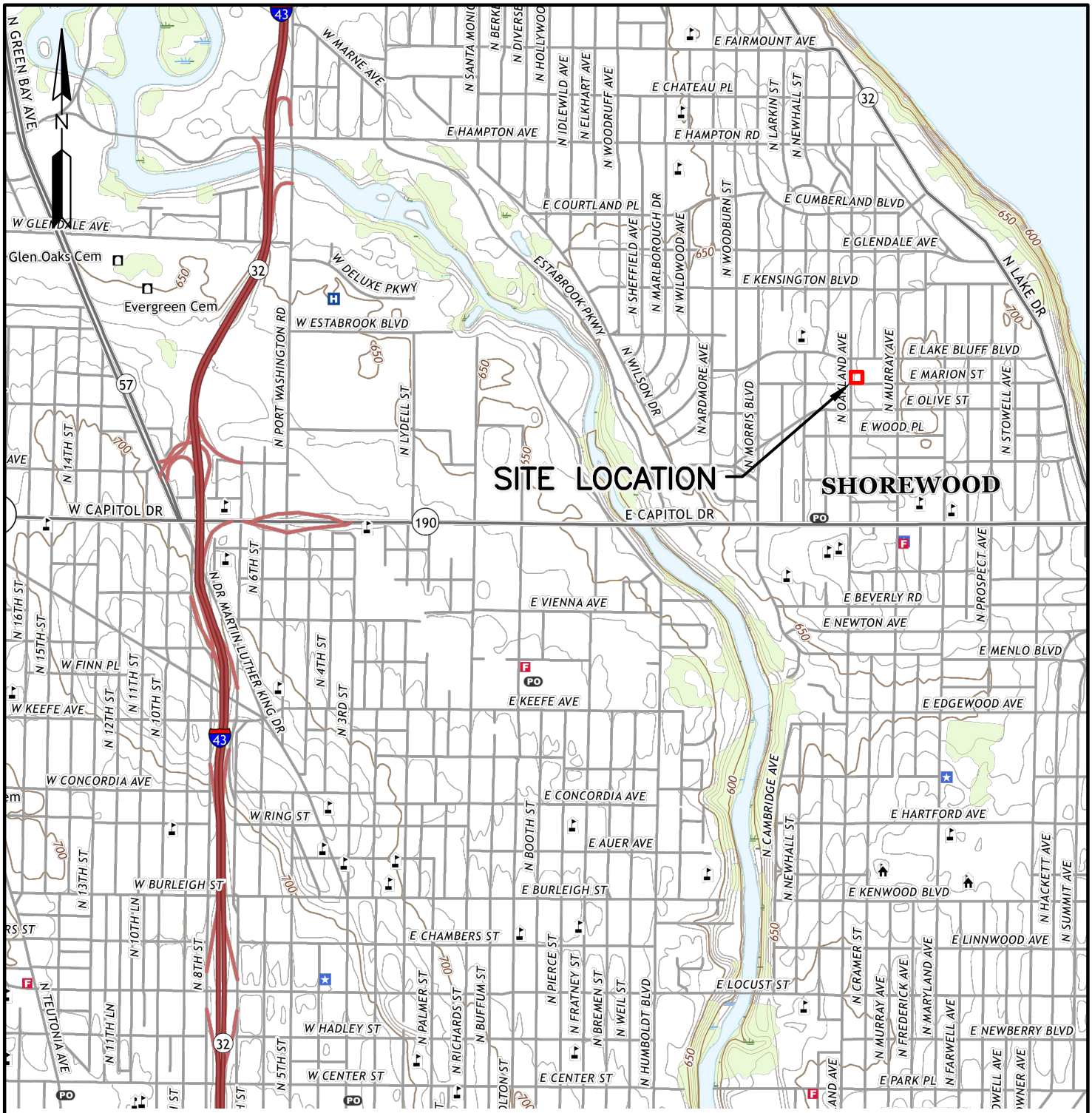
TABLE 4
Groundwater Field Parameters and Inorganic Analytes
Shorewood Queensway Cleaners
4300 North Oakland Avenue
Shorewood, Wisconsin
BRRTS No. 02-41-552089

MW-6	11/20/09	--	17.00	2.7	690	8.03	183	--	--	--	--	--	--	--
	10/18/10	681.80	19.64	2.0	1930	7.43	205	--	--	--	--	--	--	--
	5/6/11	681.87	14.67	0.8	1963	7.50	201	--	--	--	--	--	--	--
	1/27/12	681.99	17.79	--	1850	7.30	59	--	--	--	--	--	--	--
	4/4/14	682.93	10.95	2.59	2530	6.89	88	--	--	--	--	--	--	--
	1/23/18	681.97	14.70	1.09	2012	7.49	95.7	--	--	--	--	--	--	--
	11/11/19	683.37	17.10	3.1	2027	--	--	<0.66	<1.2	<1.2	<29.6	20.6	80.7	27.7
MW-7	10/18/10	675.45	16.74	10.0	1430	7.47	151	--	--	--	--	--	--	--
	5/6/11	681.91	13.89	2.7	1448	7.37	134	--	--	--	--	--	--	--
	1/27/12	684.21	15.37	--	1850	7.13	121	--	--	--	--	--	--	--
	4/4/14	682.40	6.73	2.2	2450	6.81	-36	--	--	--	--	--	--	--
	1/23/18	682.42	11.30	3.85	2126	7.58	116	--	--	--	--	--	--	--
	11/11/19	685.39	15.20	3.17	2830	--	--	<0.66	<1.2	<1.2	<29.6	1.8 J	94.0	0.36 J
MW-8	5/5/11	685.56	13.39	0.6	1242	7.27	84	--	--	--	--	--	--	--
	1/27/12	683.73	15.02	--	1440	7.02	-93	--	--	--	--	--	--	--
	4/4/14	682.50	8.82	4.9	1710	6.73	-111	--	--	--	--	--	--	--
	1/23/18	682.53	13.10	2.7	1600	7.03	-15	--	--	--	--	--	--	--
	11/11/19	689.00	13.60	3.40	1543	--	--	208	<1.2	<1.2	579	94.5	26.5	7.1
MW-9	4/4/14	680.99	14.08	3.31	2940	6.95	89	--	--	--	--	--	--	--
	11/11/19	680.75	--	--	--	--	--	1.4 J	<1.2	<1.2	35.15	**96.6**	65.0	10.1

Notes:

NS	No standard established
--	Parameter not analyzed
NR	Parameter not reported
100	Bold and outlined value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
60	Bold value exceeds NR 140.10 or 140.12 PAL
*	Public Welfare Standard from Table 2, NR 140.12
**	Values beyond standard range of concentration, meter operation suspect
Field Parameters	Temperature, dissolved oxygen, specific conductivity, pH, ORP
Laboratory Parameters	Methane, ethane, ethene, dissolved iron, dissolved manganese, sulfate, total organic carbon

FIGURES



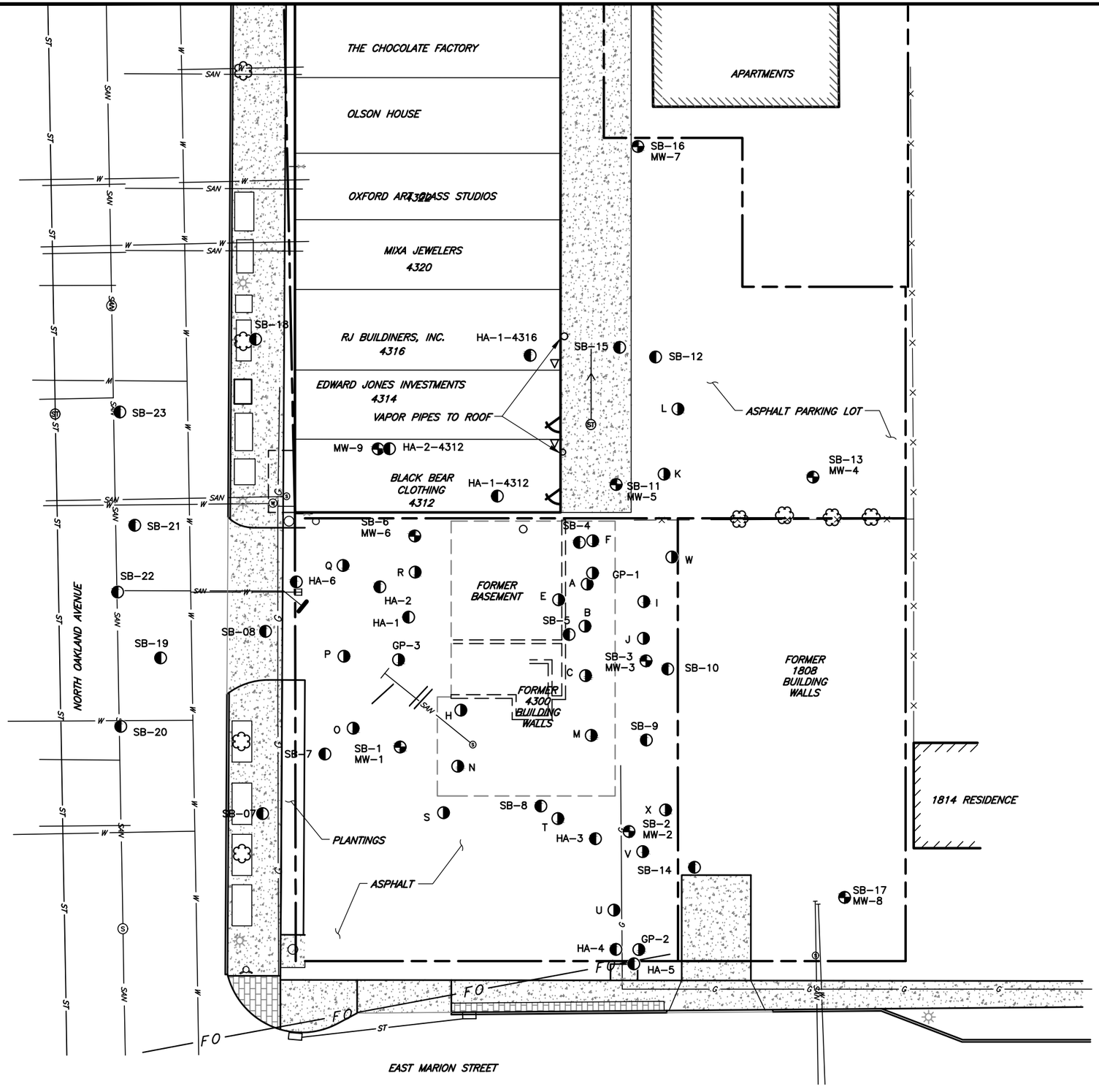
WISCONSIN
MILWAUKEE COUNTY

REFERENCE:
USGS 7.5 MIN. MILWAUKEE WISCONSIN TOPOGRAPHIC QUADRANGLE DATED 2018.

0 1000 2000
SCALE IN FEET

SAND CREEK CONSULTANTS	SITE LOCATION AND LOCAL TOPOGRAPHY	DATE: APRIL 2020	DRAWN BY: KAP
	SHOREWOOD **QUEENSWAY CLEANERS** **4300 N. OAKLAND AVE.** **SHOREWOOD, WI**	SCALE: 1"=2000'	APPROVED : KE
		FIGURE 1	

O:\1-Projects\Shorewood Cleaners - Bayside Mngmnt\Drawings\MASTER Shorewood_WI USGS.dwg
4/13/2020 3:51 PM



LEGEND

- PROPERTY LINE (APPROXIMATE)
- FENCE LINE
- SAN — SANITARY SEWER LINE
- ST — STORM SEWER LINE
- W — WATERLINE
- OW — OVERHEAD WIRE
- E — UNDERGROUND ELECTRIC
- G — GAS LINE
- FO — UNDERGROUND FIBER OPTIC
- EDGE OF PAVEMENT/CURB
- CONCRETE
- BUILDING
- FORMER BUILDING/BASEMENT
- BRICK PAVERS
- UTILITY POLE
- LIGHT POLE
- FIRE HYDRANT
- GAS UTILITY VALVE
- WATER LINE VALVE
- GAS METER
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- CATCH BASIN
- SIGN
- CEMENT PLANTER
- TREE
- VAPOR EXTRACTION WELL
- SOIL BORING
- MONITORING WELL/SOIL BORING

N

0 12.5 25

SCALE IN FEET

NOTES:

1. SITE LAYOUT AND SAMPLE LOCATIONS DIGITIZED FROM FIGURE TITLED "SITE LAYOUT" BY FEHR GRAHAM, ENGINEERING & ENVIRONMENTAL DATED MARCH 2017. SAMPLE LOCATIONS FIELD VERIFIED AUGUST 2019. SITE LAYOUT IS SUPPLEMENTED BY DIGITIZING GOOGLE EARTH PRO IMAGE DATED JULY 2018. SAMPLE LOCATIONS FIELD VERIFIED NOVEMBER 2019.
2. PROPERTY LINE AND BUILDING DIMENSIONS FOR 4300 N. SHOREWOOD AVENUE IS DEVELOPED FROM SHOREWOOD, WISCONSIN GIS WEBSITE AND A SURVEY BY SURVEYING ASSOCIATES, WAUWATOSA, WISCONSIN DATED APRIL 2009.
3. VERIFY UTILITY LOCATIONS BEFORE DIGGING.

SAND CREEK CONSULTANTS

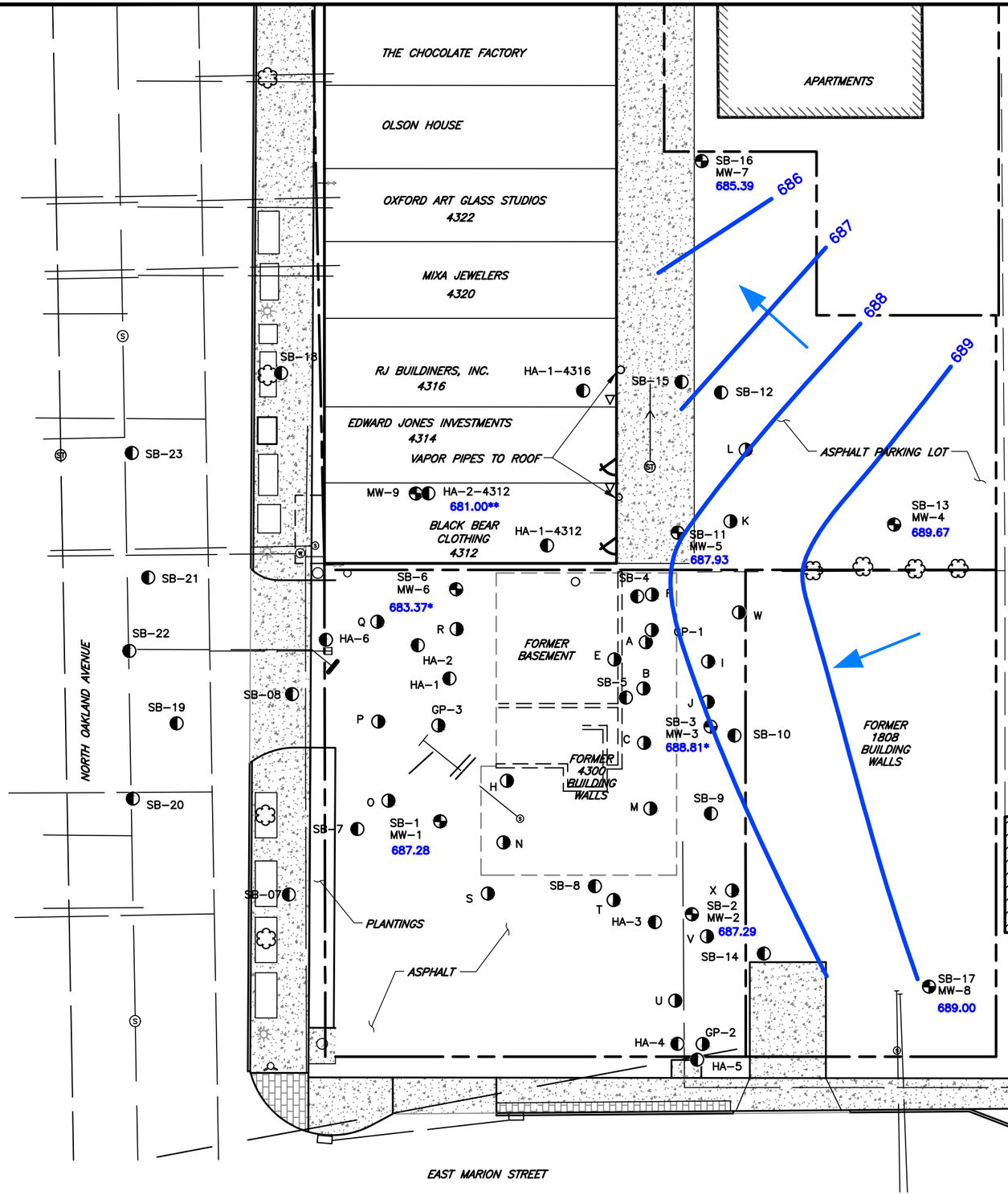
SITE LAYOUT AND INVESTIGATION SAMPLE LOCATIONS

SHOREWOOD
QUEENSWAY CLEANERS
4300 N. OAKLAND AVE.
SHOREWOOD, WI

DATE:	APRIL 2020
SCALE:	1"=25'
DRAWN BY:	KAP
APPROVED :	KE

FIGURE 2

0:\1-Projects\Shorewood Cleaners - Bayside Mngmnt\Drawings\MASTER Shorewood_WI Site Layout_25 scale.dwg
4/13/2020 4:00 PM



LEGEND

- PROPERTY LINE (APPROXIMATE)
- FENCE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- WATERLINE
- OVERHEAD WIRE
- UNDERGROUND ELECTRIC
- GAS LINE
- UNDERGROUND FIBER OPTIC
- EDGE OF PAVEMENT/CURB
- CONCRETE
- BUILDING
- FORMER BUILDING/BASEMENT
- BRICK PAVERS
- UTILITY POLE
- LIGHT POLE
- FIRE HYDRANT
- GAS UTILITY VALVE
- WATER LINE VALVE
- GAS METER
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- CATCH BASIN
- SIGN
- CEMENT PLANTER
- TREE
- VAPOR EXTRACTION WELL
- SOIL BORING
- MONITORING WELL/SOIL BORING
- 687.93 GROUNDWATER ELEVATION (FEMA)
- * DEPTH TO WATER INFLUENCED BY ADJACENT BUILDING BASEMENT/DRAIN TILE, NOT USED IN CONTOURING
- ** ESTIMATED MW-9 GROUNDWATER ELEVATION USING CALCULATED BASEMENT GRADE
- 686 GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION

N

0 12.5 25
SCALE IN FEET

NOTES:

1. SITE LAYOUT AND SAMPLE LOCATIONS DIGITIZED FROM FIGURE TITLED "SITE LAYOUT" BY FEHR GRAHAM, ENGINEERING & ENVIRONMENTAL DATED MARCH 2017. SAMPLE LOCATIONS FIELD VERIFIED AUGUST 2019. SITE LAYOUT IS SUPPLEMENTED BY DIGITIZING GOOGLE EARTH PRO IMAGE DATED JULY 2018. SAMPLE LOCATIONS FIELD VERIFIED NOVEMBER 2019.
2. PROPERTY LINE AND BUILDING DIMENSIONS FOR 4300 N. SHOREWOOD AVENUE IS DEVELOPED FROM SHOREWOOD, WISCONSIN GIS WEBSITE AND A SURVEY BY SURVEYING ASSOCIATES, WAUWATOSA, WISCONSIN DATED APRIL 2009.
3. VERIFY UTILITY LOCATIONS BEFORE DIGGING.

SAND CREEK CONSULTANTS

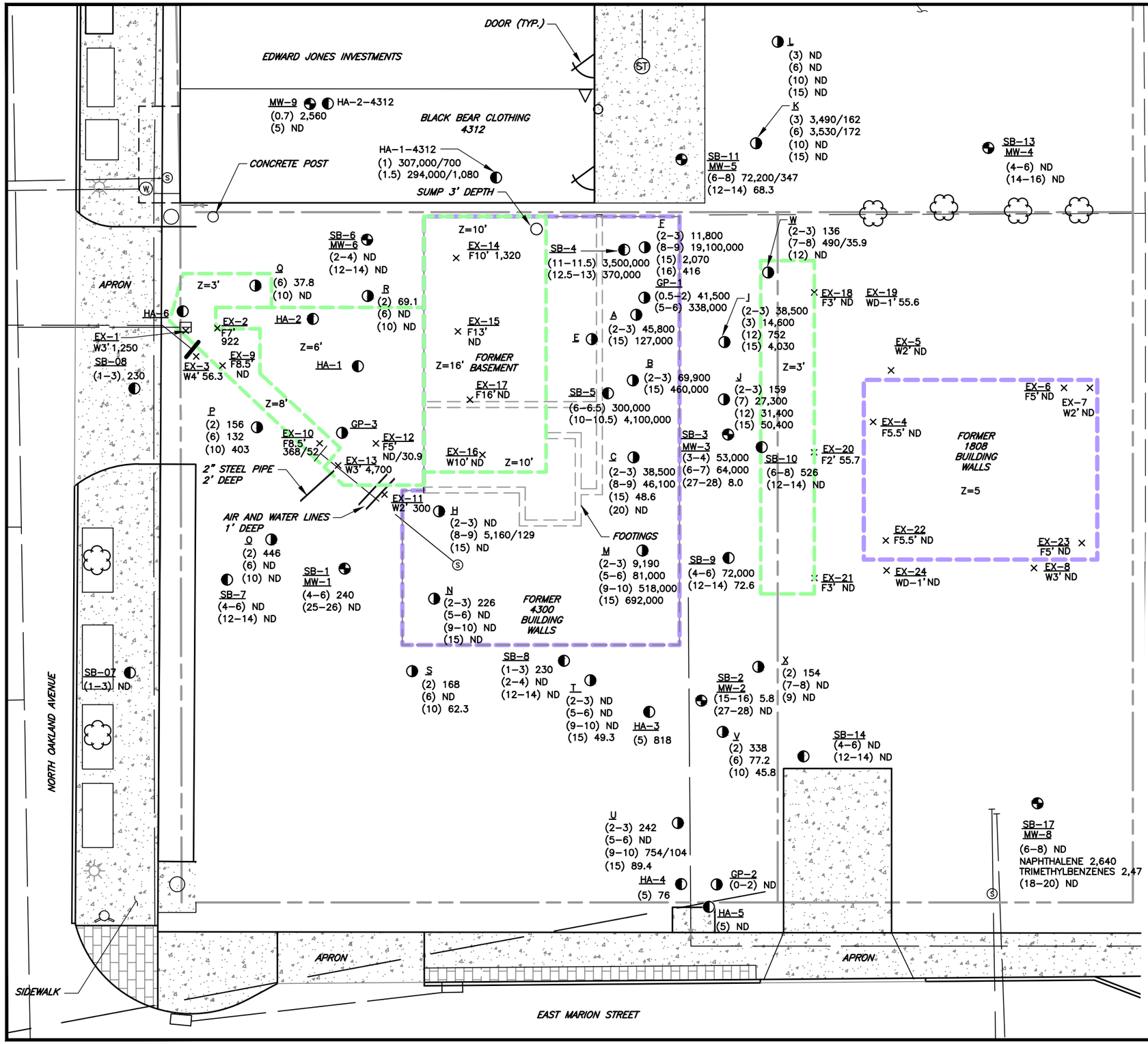
GROUNDWATER ELEVATION NOVEMBER 11, 2019

SHOREWOOD QUEENSWAY CLEANERS 4300 N. OAKLAND AVE. SHOREWOOD, WI

DATE:	JULY 2020
SCALE:	1"=25'
DRAWN BY:	KAP
APPROVED :	KE

FIGURE 3

0:\1-Projects\Shorewood Cleaners - Bayside Mngmnt\Drawings\MASTER Shorewood_WI GW Nov 2019_25 scale.dwg
7/2/2020 3:07 PM



LEGEND

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- CATCH BASIN
- SIGN
- CEMENT PLANTER
- SOIL BORING
- MONITORING WELL/SOIL BORING
- FORMER BUILDING LOCATION
- EXCAVATION BOUNDARY
- Z=3' — DEPTH OF EXCAVATION
- W3' × — WALL SAMPLE LOCATION AND DEPTH
- F5' × — FLOOR SAMPLE LOCATION AND DEPTH
- (6-8) 526 — SAMPLE DEPTH (FEET) AND PCE/TCE CONCENTRATION
- 5,160/129 — SOIL CONCENTRATION OF PCE/TCE IN (µg/kg) TCE CONCENTRATIONS NOT SHOWN AT ALL LOCATIONS
- PCE — TETRACHLOROETHENE
- TCE — TRICHLOROETHENE
- ND — NO DETECTION

N

0 7.5 15
SCALE IN FEET

NOTES:

1. SITE LAYOUT AND SAMPLE LOCATIONS DIGITIZED FROM FIGURE TITLED "SITE LAYOUT" BY FEHR GRAHAM, ENGINEERING & ENVIRONMENTAL DATED MARCH 2017. SAMPLE LOCATIONS FIELD VERIFIED AUGUST 2019. SITE LAYOUT IS SUPPLEMENTED BY DIGITIZING GOOGLE EARTH PRO IMAGE DATED JULY 2018.
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3. VERIFY UTILITY LOCATIONS BEFORE DIGGING.
4. ALL DETECTED LEVELS EXCEED THE GROUNDWATER PATHWAY RESIDUAL CONTAMINANT FOR PCE AND/OR TCE.

SAND CREEK CONSULTANTS

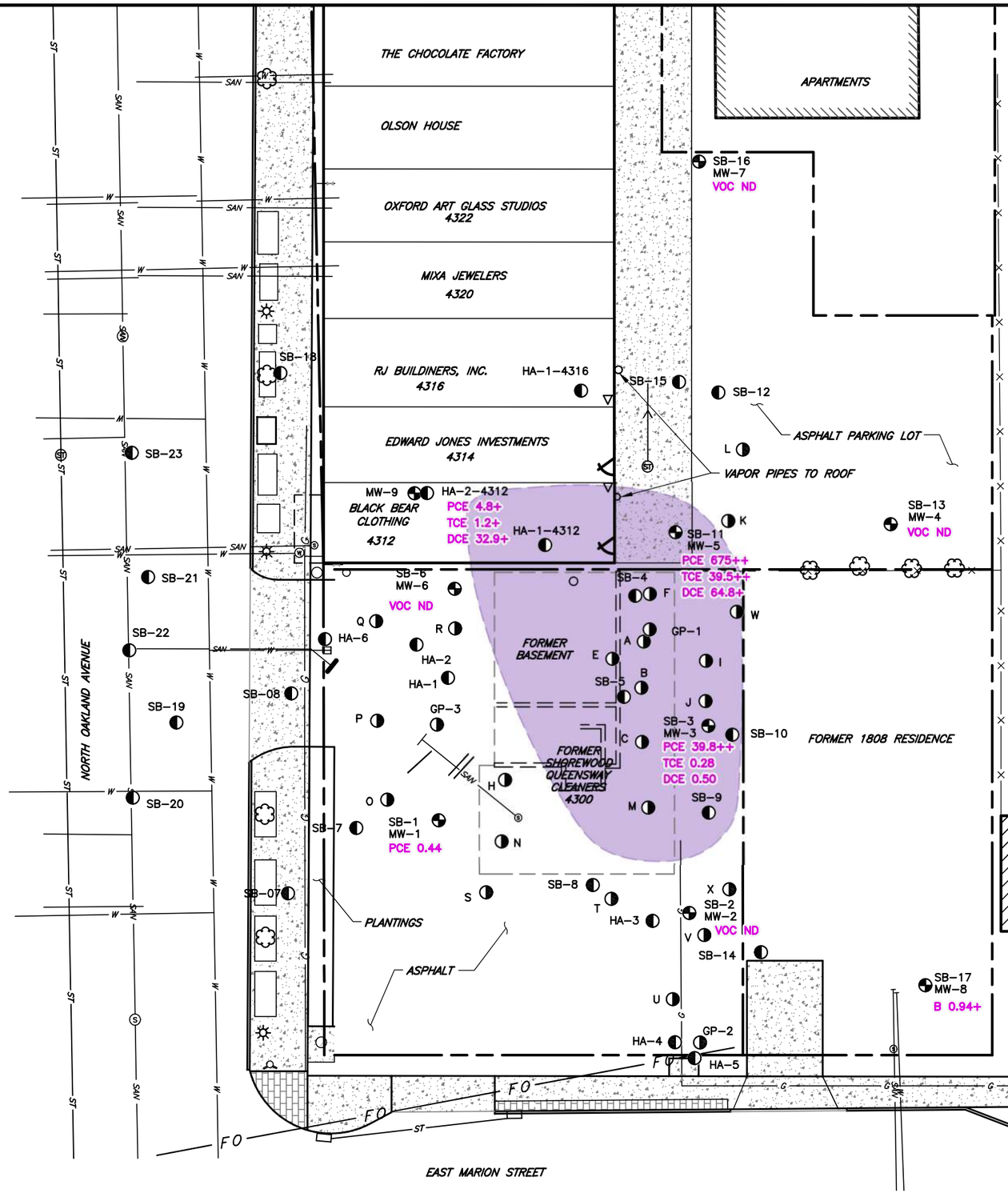
SOIL EXCAVATION SAMPLE LOCATIONS FALL 2019

SHOREWOOD QUEENSWAY CLEANERS 4300 N. OAKLAND AVE. SHOREWOOD, WI

DATE:	JULY 2020
SCALE:	1"=15'
DRAWN BY:	KAP
APPROVED :	KE

FIGURE 4

0:\1-Projects\Shorewood Cleaners - Bayside Mngmnt\Drawings\MASTER Shorewood_WI Chem Results Fall 2019 15 SCALE.dwg
7/2/2020 3:09 PM



LEGEND

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- FENCE LINE
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- SANITARY SEWER MANHOLE
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- SIGN
- CEMENT PLANTER
- TREE
- VAPOR EXTRACTION WELL
- SOIL BORING
- MONITORING WELL/SOIL BORING

GROUNDWATER SAMPLES NOVEMBER 11–13, 2019

PCE	TETRACHLOROETHYLENE (µg/l)
TCE	TRICHLOROETHYLENE (µg/l)
DCE	CIS–1,2–DICHLOROETHENE (µg/l)
B	BENZENE (µg/l)
VOC	VOLATILE ORGANIC COMPOUNDS

ND — ND = NO DETECT ABOVE THE LABORATORY REPORTING LIMIT

\+ — EXCEEDS NR140 PREVENTIVE ACTION LIMIT

++ — EXCEEDS NR140 ENFORCEMENT STANDARD

ESTIMATED EXTENT OF GROUNDWATER ABOVE NR140 ENFORCEMENT STANDARD FOR PCE

NOTES:

1. SITE LAYOUT AND SAMPLE LOCATIONS DIGITIZED FROM FIGURE TITLED "SITE LAYOUT" BY FEHR GRAHAM, ENGINEERING & ENVIRONMENTAL DATED MARCH 2017. SAMPLE LOCATIONS FIELD VERIFIED AUGUST 2019. SITE LAYOUT IS SUPPLEMENTED BY DIGITIZING GOOGLE EARTH PRO IMAGE DATED JULY 2018. SAMPLE LOCATIONS FIELD VERIFIED NOVEMBER 2019.
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3. VERIFY UTILITY LOCATIONS BEFORE DIGGING.

SAND CREEK CONSULTANTS

N

GROUNDWATER CHEMISTRY NOVEMBER 11-13, 2019 PRE-EXCAVATION

0 12.5 25

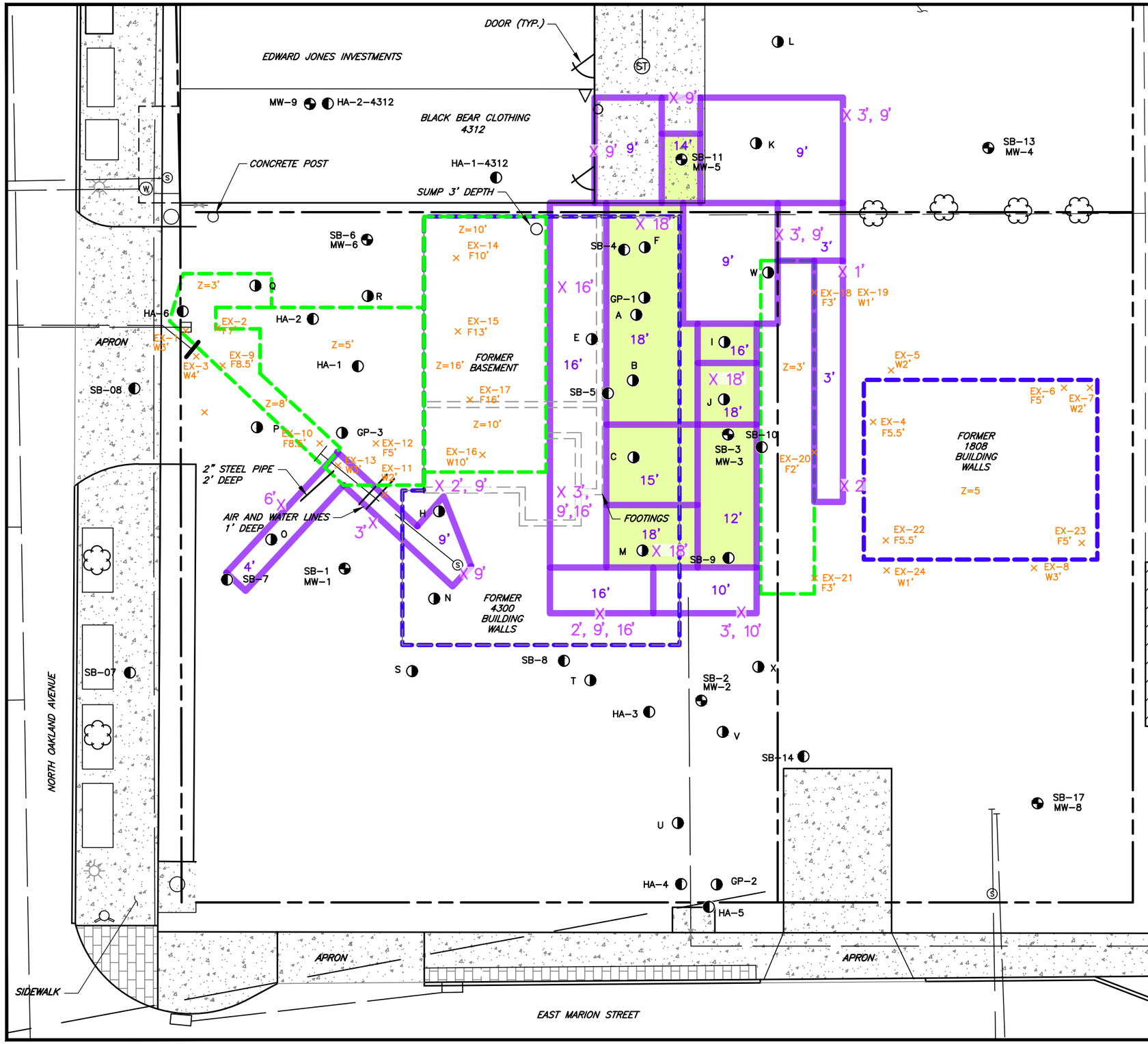
SCALE IN FEET

SHOREWOOD QUEENSWAY CLEANERS 4300 N. OAKLAND AVE. SHOREWOOD, WI

DATE:	MARCH 2020
SCALE:	1"=25'
DRAWN BY:	KAP
APPROVED :	KE

FIGURE 5

O:\1–Projects\Shorewood Cleaners – Bayside Mngmnt\Drawings\MASTER Shorewood_WI Chem Pre Excav Nov 2019_25 scale.dwg
3/20/2020 2:45 PM



LEGEND

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- SIGN
- CEMENT PLANTER
- SOIL BORING
- MONITORING WELL/SOIL BORING
- FORMER BUILDING LOCATION
- EXCAVATION BOUNDARY
- Z=3' DEPTH OF EXCAVATION
- W3' × WALL SAMPLE LOCATION AND DEPTH
- F5' × FLOOR SAMPLE LOCATION AND DEPTH
- 10' PROPOSED EXCAVATION BOUNDARIES 2020 AND DEPTH *
- AREAS WHERE CHEMICAL TREATMENT REQUIRED
- * SEE TABLE FOR DIMENSIONS
- X 3', 9' PROPOSED SOIL SAMPLE LOCATION AND DEPTH (FT)

N

0 7.5 15
SCALE IN FEET

NOTES:

1. SITE LAYOUT AND SAMPLE LOCATIONS DIGITIZED FROM FIGURE TITLED "SITE LAYOUT" BY FEHR GRAHAM, ENGINEERING & ENVIRONMENTAL DATED MARCH 2017. SAMPLE LOCATIONS FIELD VERIFIED AUGUST 2019. SITE LAYOUT IS SUPPLEMENTED BY DIGITIZING GOOGLE EARTH PRO IMAGE DATED JULY 2018.
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3. VERIFY UTILITY LOCATIONS BEFORE DIGGING.

SAND CREEK CONSULTANTS

PROPOSED 2020 EXCAVATION AND SAMPLE LOCATIONS

SHOREWOOD QUEENSWAY CLEANERS
4300 N. OAKLAND AVE.
SHOREWOOD, WI

DATE:	JULY 2020
SCALE:	1"=15'
DRAWN BY:	KAP
APPROVED :	KE

FIGURE 6

0:\1-Projects\Shorewood Cleaners - Bayside Mngmnt\Drawings\MASTER Shorewood_WI 15 Scale Pro Spring Excav.dwg
7/2/2020 5:00 PM

ATTACHMENT A

SOIL CHEMISTRY LABORATORY ANALYTICAL REPORTS

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

November 27, 2019

Ken Ebbott
SAND CREEK CONSULTANTS
W58577 Pheasant Lane
Plymouth, WI 53073

RE: Project: SHOREWOOD
Pace Project No.: 40199204

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on November 14, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

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

Enclosures

cc: Hollie DePuydt, SAND CREEK CONSULTANTS, INC.

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

CERTIFICATIONS

Project: SHOREWOOD
Pace Project No.: 40199204

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: SHOREWOOD
Pace Project No.: 40199204

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40199204001	**EX-1 WALL 3'**	Solid	11/07/19 12:30	11/14/19 13:00
40199204002	**EX-2 FLOOR 7'**	Solid	11/07/19 12:35	11/14/19 13:00
40199204003	**EX-3 WALL SAND 4'**	Solid	11/07/19 12:40	11/14/19 13:00
40199204004	**EX-4 FLOOR 5.5'**	Solid	11/13/19 14:00	11/14/19 13:00
40199204005	**EX-5 WALL NW 2'**	Solid	11/13/19 14:10	11/14/19 13:00
40199204006	**EX-6 FLOOR 5'**	Solid	11/13/19 14:20	11/14/19 13:00
40199204007	**EX-7 WALL NE 2'**	Solid	11/13/19 14:25	11/14/19 13:00
40199204008	**EX-8 WALL SE 3'**	Solid	11/13/19 14:40	11/14/19 13:00
40199204009	**MEOH BLANK**	Solid	11/13/19 00:00	11/14/19 13:00

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

SAMPLE ANALYTE COUNT

Project: SHOREWOOD
Pace Project No.: 40199204

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40199204001	**EX-1 WALL 3'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199204002	**EX-2 FLOOR 7'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199204003	**EX-3 WALL SAND 4'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199204004	**EX-4 FLOOR 5.5'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199204005	**EX-5 WALL NW 2'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199204006	**EX-6 FLOOR 5'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199204007	**EX-7 WALL NE 2'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199204008	**EX-8 WALL SE 3'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199204009	**MEOH BLANK**	EPA 8260	MDS	63

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

SUMMARY OF DETECTION

Project: SHOREWOOD
Pace Project No.: 40199204

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40199204001	**EX-1 WALL 3'**					
EPA 8260	Tetrachloroethene	1250	ug/kg	150	11/15/19 14:25	
ASTM D2974-87	Percent Moisture	13.9	%	0.10	11/27/19 09:08	
40199204002	**EX-2 FLOOR 7'**					
EPA 8260	Tetrachloroethene	922	ug/kg	148	11/15/19 14:48	
ASTM D2974-87	Percent Moisture	12.6	%	0.10	11/27/19 09:08	
40199204003	**EX-3 WALL SAND 4'**					
EPA 8260	Tetrachloroethene	56.3J	ug/kg	145	11/15/19 15:11	
ASTM D2974-87	Percent Moisture	11.2	%	0.10	11/27/19 09:08	
40199204004	**EX-4 FLOOR 5.5'**					
ASTM D2974-87	Percent Moisture	12.7	%	0.10	11/27/19 09:08	
40199204005	**EX-5 WALL NW 2'**					
ASTM D2974-87	Percent Moisture	15.2	%	0.10	11/27/19 09:08	
40199204006	**EX-6 FLOOR 5'**					
ASTM D2974-87	Percent Moisture	17.7	%	0.10	11/27/19 09:08	
40199204007	**EX-7 WALL NE 2'**					
ASTM D2974-87	Percent Moisture	15.9	%	0.10	11/27/19 09:08	
40199204008	**EX-8 WALL SE 3'**					
ASTM D2974-87	Percent Moisture	18.8	%	0.10	11/27/19 09:08	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-1 WALL 3' **Lab ID: 40199204001** Collected: 11/07/19 12:30 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/15/19 08:00	11/15/19 14:25	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/15/19 08:00	11/15/19 14:25	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/15/19 08:00	11/15/19 14:25	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/15/19 08:00	11/15/19 14:25	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 14:25	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 14:25	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 14:25	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/15/19 08:00	11/15/19 14:25	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 14:25	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/15/19 08:00	11/15/19 14:25	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/15/19 08:00	11/15/19 14:25	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/15/19 08:00	11/15/19 14:25	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/15/19 08:00	11/15/19 14:25	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/15/19 08:00	11/15/19 14:25	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 14:25	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/15/19 08:00	11/15/19 14:25	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/15/19 08:00	11/15/19 14:25	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/15/19 08:00	11/15/19 14:25	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-1 WALL 3' **Lab ID: 40199204001** Collected: 11/07/19 12:30 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**1250**	ug/kg	150	44.9	1	11/15/19 08:00	11/15/19 14:25	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/15/19 08:00	11/15/19 14:25	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/15/19 08:00	11/15/19 14:25	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/15/19 08:00	11/15/19 14:25	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/15/19 08:00	11/15/19 14:25	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:25	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 14:25	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 14:25	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 14:25	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/15/19 08:00	11/15/19 14:25	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/15/19 08:00	11/15/19 14:25	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	125	%	57-146		1	11/15/19 08:00	11/15/19 14:25	1868-53-7	
Toluene-d8 (S)	118	%	64-134		1	11/15/19 08:00	11/15/19 14:25	2037-26-5	
4-Bromofluorobenzene (S)	102	%	54-126		1	11/15/19 08:00	11/15/19 14:25	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.9**	%	0.10	0.10	1		11/27/19 09:08		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-2 FLOOR 7' **Lab ID: 40199204002** Collected: 11/07/19 12:35 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/15/19 08:00	11/15/19 14:48	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/15/19 08:00	11/15/19 14:48	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/15/19 08:00	11/15/19 14:48	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/15/19 08:00	11/15/19 14:48	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 14:48	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 14:48	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 14:48	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/15/19 08:00	11/15/19 14:48	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 14:48	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/15/19 08:00	11/15/19 14:48	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/15/19 08:00	11/15/19 14:48	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/15/19 08:00	11/15/19 14:48	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/15/19 08:00	11/15/19 14:48	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/15/19 08:00	11/15/19 14:48	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 14:48	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/15/19 08:00	11/15/19 14:48	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/15/19 08:00	11/15/19 14:48	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/15/19 08:00	11/15/19 14:48	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-2 FLOOR 7' **Lab ID: 40199204002** Collected: 11/07/19 12:35 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**922**	ug/kg	148	44.3	1	11/15/19 08:00	11/15/19 14:48	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/15/19 08:00	11/15/19 14:48	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/15/19 08:00	11/15/19 14:48	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/15/19 08:00	11/15/19 14:48	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/15/19 08:00	11/15/19 14:48	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 14:48	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 14:48	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 14:48	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 14:48	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/15/19 08:00	11/15/19 14:48	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/15/19 08:00	11/15/19 14:48	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	117	%	57-146		1	11/15/19 08:00	11/15/19 14:48	1868-53-7	
Toluene-d8 (S)	114	%	64-134		1	11/15/19 08:00	11/15/19 14:48	2037-26-5	
4-Bromofluorobenzene (S)	97	%	54-126		1	11/15/19 08:00	11/15/19 14:48	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.6**	%	0.10	0.10	1		11/27/19 09:08		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-3 WALL SAND 4' **Lab ID: 40199204003** Collected: 11/07/19 12:40 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/15/19 08:00	11/15/19 15:11	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/15/19 08:00	11/15/19 15:11	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/15/19 08:00	11/15/19 15:11	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/15/19 08:00	11/15/19 15:11	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 15:11	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 15:11	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 15:11	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/15/19 08:00	11/15/19 15:11	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:11	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/15/19 08:00	11/15/19 15:11	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/15/19 08:00	11/15/19 15:11	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/15/19 08:00	11/15/19 15:11	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/15/19 08:00	11/15/19 15:11	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/15/19 08:00	11/15/19 15:11	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:11	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/15/19 08:00	11/15/19 15:11	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/15/19 08:00	11/15/19 15:11	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/15/19 08:00	11/15/19 15:11	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-3 WALL SAND 4' **Lab ID: 40199204003** Collected: 11/07/19 12:40 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**56.3J**	ug/kg	145	43.6	1	11/15/19 08:00	11/15/19 15:11	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/15/19 08:00	11/15/19 15:11	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/15/19 08:00	11/15/19 15:11	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/15/19 08:00	11/15/19 15:11	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/15/19 08:00	11/15/19 15:11	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:11	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:11	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:11	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 15:11	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/15/19 08:00	11/15/19 15:11	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/15/19 08:00	11/15/19 15:11	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	115	%	57-146		1	11/15/19 08:00	11/15/19 15:11	1868-53-7	
Toluene-d8 (S)	110	%	64-134		1	11/15/19 08:00	11/15/19 15:11	2037-26-5	
4-Bromofluorobenzene (S)	95	%	54-126		1	11/15/19 08:00	11/15/19 15:11	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.2**	%	0.10	0.10	1		11/27/19 09:08		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-4 FLOOR 5.5' **Lab ID: 40199204004** Collected: 11/13/19 14:00 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/15/19 08:00	11/15/19 15:34	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/15/19 08:00	11/15/19 15:34	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/15/19 08:00	11/15/19 15:34	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/15/19 08:00	11/15/19 15:34	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 15:34	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 15:34	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 15:34	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/15/19 08:00	11/15/19 15:34	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:34	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/15/19 08:00	11/15/19 15:34	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/15/19 08:00	11/15/19 15:34	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/15/19 08:00	11/15/19 15:34	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/15/19 08:00	11/15/19 15:34	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/15/19 08:00	11/15/19 15:34	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:34	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/15/19 08:00	11/15/19 15:34	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/15/19 08:00	11/15/19 15:34	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/15/19 08:00	11/15/19 15:34	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-4 FLOOR 5.5' **Lab ID: 40199204004** Collected: 11/13/19 14:00 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/15/19 08:00	11/15/19 15:34	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/15/19 08:00	11/15/19 15:34	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/15/19 08:00	11/15/19 15:34	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/15/19 08:00	11/15/19 15:34	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/15/19 08:00	11/15/19 15:34	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:34	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:34	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:34	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 15:34	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/15/19 08:00	11/15/19 15:34	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/15/19 08:00	11/15/19 15:34	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	121	%	57-146		1	11/15/19 08:00	11/15/19 15:34	1868-53-7	
Toluene-d8 (S)	116	%	64-134		1	11/15/19 08:00	11/15/19 15:34	2037-26-5	
4-Bromofluorobenzene (S)	102	%	54-126		1	11/15/19 08:00	11/15/19 15:34	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.7**	%	0.10	0.10	1		11/27/19 09:08		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-5 WALL NW 2' **Lab ID: 40199204005** Collected: 11/13/19 14:10 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/15/19 08:00	11/15/19 15:57	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/15/19 08:00	11/15/19 15:57	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/15/19 08:00	11/15/19 15:57	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/15/19 08:00	11/15/19 15:57	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 15:57	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 15:57	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 15:57	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/15/19 08:00	11/15/19 15:57	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:57	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/15/19 08:00	11/15/19 15:57	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/15/19 08:00	11/15/19 15:57	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/15/19 08:00	11/15/19 15:57	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/15/19 08:00	11/15/19 15:57	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/15/19 08:00	11/15/19 15:57	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:57	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/15/19 08:00	11/15/19 15:57	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/15/19 08:00	11/15/19 15:57	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/15/19 08:00	11/15/19 15:57	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-5 WALL NW 2' **Lab ID: 40199204005** Collected: 11/13/19 14:10 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/15/19 08:00	11/15/19 15:57	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/15/19 08:00	11/15/19 15:57	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/15/19 08:00	11/15/19 15:57	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/15/19 08:00	11/15/19 15:57	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/15/19 08:00	11/15/19 15:57	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 15:57	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:57	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 15:57	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 15:57	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/15/19 08:00	11/15/19 15:57	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/15/19 08:00	11/15/19 15:57	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	131	%	57-146		1	11/15/19 08:00	11/15/19 15:57	1868-53-7	
Toluene-d8 (S)	127	%	64-134		1	11/15/19 08:00	11/15/19 15:57	2037-26-5	
4-Bromofluorobenzene (S)	112	%	54-126		1	11/15/19 08:00	11/15/19 15:57	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.2**	%	0.10	0.10	1		11/27/19 09:08		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-6 FLOOR 5' **Lab ID: 40199204006** Collected: 11/13/19 14:20 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/15/19 08:00	11/15/19 16:20	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/15/19 08:00	11/15/19 16:20	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/15/19 08:00	11/15/19 16:20	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/15/19 08:00	11/15/19 16:20	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 16:20	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 16:20	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 16:20	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/15/19 08:00	11/15/19 16:20	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 16:20	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/15/19 08:00	11/15/19 16:20	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/15/19 08:00	11/15/19 16:20	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/15/19 08:00	11/15/19 16:20	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/15/19 08:00	11/15/19 16:20	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/15/19 08:00	11/15/19 16:20	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 16:20	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/15/19 08:00	11/15/19 16:20	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/15/19 08:00	11/15/19 16:20	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/15/19 08:00	11/15/19 16:20	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-6 FLOOR 5' **Lab ID: 40199204006** Collected: 11/13/19 14:20 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/15/19 08:00	11/15/19 16:20	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/15/19 08:00	11/15/19 16:20	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/15/19 08:00	11/15/19 16:20	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/15/19 08:00	11/15/19 16:20	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/15/19 08:00	11/15/19 16:20	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:20	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 16:20	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 16:20	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 16:20	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/15/19 08:00	11/15/19 16:20	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/15/19 08:00	11/15/19 16:20	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	114	%	57-146		1	11/15/19 08:00	11/15/19 16:20	1868-53-7	
Toluene-d8 (S)	109	%	64-134		1	11/15/19 08:00	11/15/19 16:20	2037-26-5	
4-Bromofluorobenzene (S)	94	%	54-126		1	11/15/19 08:00	11/15/19 16:20	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.7**	%	0.10	0.10	1		11/27/19 09:08		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-7 WALL NE 2' **Lab ID: 40199204007** Collected: 11/13/19 14:25 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/15/19 08:00	11/15/19 16:43	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/15/19 08:00	11/15/19 16:43	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/15/19 08:00	11/15/19 16:43	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/15/19 08:00	11/15/19 16:43	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 16:43	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 16:43	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 16:43	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/15/19 08:00	11/15/19 16:43	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 16:43	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/15/19 08:00	11/15/19 16:43	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/15/19 08:00	11/15/19 16:43	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/15/19 08:00	11/15/19 16:43	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/15/19 08:00	11/15/19 16:43	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/15/19 08:00	11/15/19 16:43	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 16:43	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/15/19 08:00	11/15/19 16:43	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/15/19 08:00	11/15/19 16:43	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/15/19 08:00	11/15/19 16:43	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-7 WALL NE 2' **Lab ID: 40199204007** Collected: 11/13/19 14:25 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/15/19 08:00	11/15/19 16:43	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/15/19 08:00	11/15/19 16:43	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/15/19 08:00	11/15/19 16:43	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/15/19 08:00	11/15/19 16:43	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/15/19 08:00	11/15/19 16:43	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 16:43	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 16:43	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 16:43	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 16:43	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/15/19 08:00	11/15/19 16:43	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/15/19 08:00	11/15/19 16:43	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	286	%	57-146		1	11/15/19 08:00	11/15/19 16:43	1868-53-7	S3
Toluene-d8 (S)	280	%	64-134		1	11/15/19 08:00	11/15/19 16:43	2037-26-5	S3
4-Bromofluorobenzene (S)	246	%	54-126		1	11/15/19 08:00	11/15/19 16:43	460-00-4	S3
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.9**	%	0.10	0.10	1		11/27/19 09:08		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-8 WALL SE 3' **Lab ID: 40199204008** Collected: 11/13/19 14:40 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/15/19 08:00	11/15/19 17:06	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/15/19 08:00	11/15/19 17:06	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/15/19 08:00	11/15/19 17:06	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/15/19 08:00	11/15/19 17:06	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 17:06	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 17:06	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 17:06	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/15/19 08:00	11/15/19 17:06	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 17:06	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/15/19 08:00	11/15/19 17:06	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/15/19 08:00	11/15/19 17:06	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/15/19 08:00	11/15/19 17:06	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/15/19 08:00	11/15/19 17:06	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/15/19 08:00	11/15/19 17:06	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 17:06	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/15/19 08:00	11/15/19 17:06	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/15/19 08:00	11/15/19 17:06	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/15/19 08:00	11/15/19 17:06	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: EX-8 WALL SE 3' **Lab ID: 40199204008** Collected: 11/13/19 14:40 Received: 11/14/19 13:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/15/19 08:00	11/15/19 17:06	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/15/19 08:00	11/15/19 17:06	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/15/19 08:00	11/15/19 17:06	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/15/19 08:00	11/15/19 17:06	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/15/19 08:00	11/15/19 17:06	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 17:06	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 17:06	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 17:06	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 17:06	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/15/19 08:00	11/15/19 17:06	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/15/19 08:00	11/15/19 17:06	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	151	%	57-146		1	11/15/19 08:00	11/15/19 17:06	1868-53-7	S3
Toluene-d8 (S)	150	%	64-134		1	11/15/19 08:00	11/15/19 17:06	2037-26-5	S3
4-Bromofluorobenzene (S)	130	%	54-126		1	11/15/19 08:00	11/15/19 17:06	460-00-4	S3
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.8**	%	0.10	0.10	1		11/27/19 09:08		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: MEOH BLANK **Lab ID: 40199204009** Collected: 11/13/19 00:00 Received: 11/14/19 13:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/15/19 08:00	11/15/19 11:43	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/15/19 08:00	11/15/19 11:43	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/15/19 08:00	11/15/19 11:43	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/15/19 08:00	11/15/19 11:43	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 11:43	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/15/19 08:00	11/15/19 11:43	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 11:43	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/15/19 08:00	11/15/19 11:43	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 11:43	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/15/19 08:00	11/15/19 11:43	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/15/19 08:00	11/15/19 11:43	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/15/19 08:00	11/15/19 11:43	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/15/19 08:00	11/15/19 11:43	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/15/19 08:00	11/15/19 11:43	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 11:43	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/15/19 08:00	11/15/19 11:43	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/15/19 08:00	11/15/19 11:43	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/15/19 08:00	11/15/19 11:43	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199204

Sample: MEOH BLANK **Lab ID: 40199204009** Collected: 11/13/19 00:00 Received: 11/14/19 13:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/15/19 08:00	11/15/19 11:43	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/15/19 08:00	11/15/19 11:43	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/15/19 08:00	11/15/19 11:43	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/15/19 08:00	11/15/19 11:43	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/15/19 08:00	11/15/19 11:43	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/15/19 08:00	11/15/19 11:43	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 11:43	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/15/19 08:00	11/15/19 11:43	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/15/19 08:00	11/15/19 11:43	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/15/19 08:00	11/15/19 11:43	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/15/19 08:00	11/15/19 11:43	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	119	%	57-146		1	11/15/19 08:00	11/15/19 11:43	1868-53-7	
Toluene-d8 (S)	119	%	64-134		1	11/15/19 08:00	11/15/19 11:43	2037-26-5	
4-Bromofluorobenzene (S)	105	%	54-126		1	11/15/19 08:00	11/15/19 11:43	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199204

QC Batch: 340876 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40199204001, 40199204002, 40199204003, 40199204004, 40199204005, 40199204006, 40199204007, 40199204008, 40199204009

METHOD BLANK: 1979170 Matrix: Solid
Associated Lab Samples: 40199204001, 40199204002, 40199204003, 40199204004, 40199204005, 40199204006, 40199204007, 40199204008, 40199204009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<7.8	50.0	11/15/19 09:19	
1,1,1-Trichloroethane	ug/kg	<13.5	50.0	11/15/19 09:19	
1,1,2,2-Tetrachloroethane	ug/kg	<15.7	52.0	11/15/19 09:19	
1,1,2-Trichloroethane	ug/kg	<15.7	52.0	11/15/19 09:19	
1,1-Dichloroethane	ug/kg	<13.5	50.0	11/15/19 09:19	
1,1-Dichloroethene	ug/kg	<11.8	50.0	11/15/19 09:19	
1,1-Dichloropropene	ug/kg	<10.7	50.0	11/15/19 09:19	
1,2,3-Trichlorobenzene	ug/kg	<47.3	158	11/15/19 09:19	
1,2,3-Trichloropropane	ug/kg	<37.4	125	11/15/19 09:19	
1,2,4-Trichlorobenzene	ug/kg	<41.7	250	11/15/19 09:19	
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	11/15/19 09:19	
1,2-Dibromo-3-chloropropane	ug/kg	<237	789	11/15/19 09:19	
1,2-Dibromoethane (EDB)	ug/kg	<17.0	57.0	11/15/19 09:19	
1,2-Dichlorobenzene	ug/kg	<13.1	50.0	11/15/19 09:19	
1,2-Dichloroethane	ug/kg	<13.8	50.0	11/15/19 09:19	
1,2-Dichloropropane	ug/kg	<13.5	50.0	11/15/19 09:19	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	11/15/19 09:19	
1,3-Dichlorobenzene	ug/kg	<13.0	50.0	11/15/19 09:19	
1,3-Dichloropropane	ug/kg	<11.0	50.0	11/15/19 09:19	
1,4-Dichlorobenzene	ug/kg	<12.0	50.0	11/15/19 09:19	
2,2-Dichloropropane	ug/kg	<15.7	52.0	11/15/19 09:19	
2-Chlorotoluene	ug/kg	<19.3	64.0	11/15/19 09:19	
4-Chlorotoluene	ug/kg	<19.3	64.0	11/15/19 09:19	
Benzene	ug/kg	<12.5	42.0	11/15/19 09:19	
Bromobenzene	ug/kg	<18.5	62.0	11/15/19 09:19	
Bromochloromethane	ug/kg	<20.9	70.0	11/15/19 09:19	
Bromodichloromethane	ug/kg	<10.0	50.0	11/15/19 09:19	
Bromoform	ug/kg	<21.6	72.0	11/15/19 09:19	
Bromomethane	ug/kg	<63.8	250	11/15/19 09:19	
Carbon tetrachloride	ug/kg	<7.5	50.0	11/15/19 09:19	
Chlorobenzene	ug/kg	<16.8	56.0	11/15/19 09:19	
Chloroethane	ug/kg	<46.4	250	11/15/19 09:19	
Chloroform	ug/kg	<47.5	250	11/15/19 09:19	
Chloromethane	ug/kg	<24.0	80.0	11/15/19 09:19	
cis-1,2-Dichloroethene	ug/kg	<14.8	50.0	11/15/19 09:19	
cis-1,3-Dichloropropene	ug/kg	<42.3	141	11/15/19 09:19	
Dibromochloromethane	ug/kg	<229	763	11/15/19 09:19	
Dibromomethane	ug/kg	<17.7	59.0	11/15/19 09:19	
Dichlorodifluoromethane	ug/kg	<21.7	72.0	11/15/19 09:19	
Diisopropyl ether	ug/kg	<14.0	50.0	11/15/19 09:19	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199204

METHOD BLANK: 1979170 Matrix: Solid

Associated Lab Samples: 40199204001, 40199204002, 40199204003, 40199204004, 40199204005, 40199204006, 40199204007, 40199204008, 40199204009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<14.5	50.0	11/15/19 09:19	
Hexachloro-1,3-butadiene	ug/kg	<68.7	229	11/15/19 09:19	
Isopropylbenzene (Cumene)	ug/kg	<17.7	59.0	11/15/19 09:19	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	11/15/19 09:19	
Methylene Chloride	ug/kg	<26.3	88.0	11/15/19 09:19	
n-Butylbenzene	ug/kg	<30.0	100	11/15/19 09:19	
n-Propylbenzene	ug/kg	<17.8	59.0	11/15/19 09:19	
Naphthalene	ug/kg	<27.3	91.0	11/15/19 09:19	
p-Isopropyltoluene	ug/kg	<21.7	72.0	11/15/19 09:19	
sec-Butylbenzene	ug/kg	<21.5	72.0	11/15/19 09:19	
Styrene	ug/kg	<12.3	50.0	11/15/19 09:19	
tert-Butylbenzene	ug/kg	<18.7	62.0	11/15/19 09:19	
Tetrachloroethene	ug/kg	<38.7	129	11/15/19 09:19	
Toluene	ug/kg	<13.1	50.0	11/15/19 09:19	
trans-1,2-Dichloroethene	ug/kg	<20.2	67.0	11/15/19 09:19	
trans-1,3-Dichloropropene	ug/kg	<22.2	74.0	11/15/19 09:19	
Trichloroethene	ug/kg	<12.8	50.0	11/15/19 09:19	
Trichlorofluoromethane	ug/kg	<19.6	65.0	11/15/19 09:19	
Vinyl chloride	ug/kg	<14.5	50.0	11/15/19 09:19	
Xylene (Total)	ug/kg	<50.5	168	11/15/19 09:19	
4-Bromofluorobenzene (S)	%	98	54-126	11/15/19 09:19	
Dibromofluoromethane (S)	%	119	57-146	11/15/19 09:19	
Toluene-d8 (S)	%	110	64-134	11/15/19 09:19	

LABORATORY CONTROL SAMPLE: 1979171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2700	108	70-132	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2450	98	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2680	107	70-130	
1,1-Dichloroethane	ug/kg	2500	2950	118	70-130	
1,1-Dichloroethene	ug/kg	2500	2940	118	77-126	
1,2,4-Trichlorobenzene	ug/kg	2500	2420	97	66-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2030	81	54-129	
1,2-Dibromoethane (EDB)	ug/kg	2500	2560	102	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2510	100	70-130	
1,2-Dichloroethane	ug/kg	2500	2750	110	70-134	
1,2-Dichloropropane	ug/kg	2500	2590	104	74-124	
1,3-Dichlorobenzene	ug/kg	2500	2530	101	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2450	98	70-130	
Benzene	ug/kg	2500	2800	112	70-130	
Bromodichloromethane	ug/kg	2500	2360	94	70-130	
Bromoform	ug/kg	2500	2290	92	47-115	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199204

LABORATORY CONTROL SAMPLE: 1979171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2930	117	64-165	
Carbon tetrachloride	ug/kg	2500	2590	104	70-131	
Chlorobenzene	ug/kg	2500	2640	106	70-130	
Chloroethane	ug/kg	2500	3750	150	28-197	
Chloroform	ug/kg	2500	2670	107	80-131	
Chloromethane	ug/kg	2500	2690	108	45-118	
cis-1,2-Dichloroethene	ug/kg	2500	2520	101	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2320	93	70-130	
Dibromochloromethane	ug/kg	2500	2440	97	70-130	
Dichlorodifluoromethane	ug/kg	2500	2390	95	38-108	
Ethylbenzene	ug/kg	2500	2720	109	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2720	109	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2580	103	70-130	
Methylene Chloride	ug/kg	2500	3130	125	70-130	
Styrene	ug/kg	2500	2710	108	70-130	
Tetrachloroethene	ug/kg	2500	2720	109	70-130	
Toluene	ug/kg	2500	2760	110	80-121	
trans-1,2-Dichloroethene	ug/kg	2500	2980	119	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2430	97	70-130	
Trichloroethene	ug/kg	2500	2650	106	70-130	
Trichlorofluoromethane	ug/kg	2500	3280	131	81-141	
Vinyl chloride	ug/kg	2500	2910	116	68-121	
Xylene (Total)	ug/kg	7500	8190	109	70-130	
4-Bromofluorobenzene (S)	%			102	54-126	
Dibromofluoromethane (S)	%			114	57-146	
Toluene-d8 (S)	%			110	64-134	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1979172 1979173

Parameter	Units	10499202004 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/kg	ND	1650	1650	1490	1550	90	94	64-132	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1650	1650	1420	1530	86	93	70-132	7	20	
1,1,2-Trichloroethane	ug/kg	ND	1650	1650	1480	1530	89	93	70-130	4	20	
1,1-Dichloroethane	ug/kg	ND	1650	1650	1690	1760	102	107	70-130	4	20	
1,1-Dichloroethene	ug/kg	ND	1650	1650	1590	1680	97	102	65-126	5	21	
1,2,4-Trichlorobenzene	ug/kg	ND	1650	1650	1500	1470	91	89	66-139	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1650	1650	1070	1170	65	71	47-146	9	23	
1,2-Dibromoethane (EDB)	ug/kg	ND	1650	1650	1320	1450	80	88	70-130	10	20	
1,2-Dichlorobenzene	ug/kg	ND	1650	1650	1530	1560	93	95	70-130	2	20	
1,2-Dichloroethane	ug/kg	ND	1650	1650	1540	1610	93	98	70-136	5	20	
1,2-Dichloropropane	ug/kg	ND	1650	1650	1470	1530	89	93	74-124	4	20	
1,3-Dichlorobenzene	ug/kg	ND	1650	1650	1470	1550	89	94	70-130	6	20	
1,4-Dichlorobenzene	ug/kg	ND	1650	1650	1520	1510	92	91	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199204

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1979172 1979173

Parameter	Units	10499202004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	1650	1650	1600	1650	97	100	70-130	3	20	
Bromodichloromethane	ug/kg	ND	1650	1650	1280	1330	78	81	70-130	4	20	
Bromoform	ug/kg	ND	1650	1650	1120	1190	68	72	47-129	6	20	
Bromomethane	ug/kg	ND	1650	1650	1730	1760	105	107	41-180	2	20	
Carbon tetrachloride	ug/kg	ND	1650	1650	1440	1470	87	89	58-133	2	20	
Chlorobenzene	ug/kg	ND	1650	1650	1490	1560	90	95	70-130	5	20	
Chloroethane	ug/kg	ND	1650	1650	2190	2240	133	136	28-197	2	20	
Chloroform	ug/kg	ND	1650	1650	1540	1600	93	97	80-131	4	20	
Chloromethane	ug/kg	ND	1650	1650	1520	1510	92	91	26-118	1	20	
cis-1,2-Dichloroethene	ug/kg	ND	1650	1650	1430	1430	87	87	70-130	0	20	
cis-1,3-Dichloropropene	ug/kg	ND	1650	1650	1200	1260	73	76	70-130	5	20	
Dibromochloromethane	ug/kg	ND	1650	1650	1260	1310	77	80	67-130	4	20	
Dichlorodifluoromethane	ug/kg	ND	1650	1650	1040	1070	63	65	12-108	3	29	
Ethylbenzene	ug/kg	ND	1650	1650	1490	1560	90	95	80-122	5	20	
Isopropylbenzene (Cumene)	ug/kg	ND	1650	1650	1480	1550	90	94	70-130	5	20	
Methyl-tert-butyl ether	ug/kg	ND	1650	1650	1480	1530	90	93	70-130	3	20	
Methylene Chloride	ug/kg	ND	1650	1650	1750	1830	106	111	70-130	5	20	
Styrene	ug/kg	ND	1650	1650	1420	1490	86	90	70-130	5	20	
Tetrachloroethene	ug/kg	ND	1650	1650	1550	1590	94	96	70-130	3	20	
Toluene	ug/kg	ND	1650	1650	1560	1600	95	97	80-121	2	20	
trans-1,2-Dichloroethene	ug/kg	ND	1650	1650	1720	1760	104	107	70-130	2	20	
trans-1,3-Dichloropropene	ug/kg	ND	1650	1650	1250	1300	76	79	70-130	4	20	
Trichloroethene	ug/kg	ND	1650	1650	1560	1580	94	96	70-130	2	20	
Trichlorofluoromethane	ug/kg	ND	1650	1650	1720	1810	104	110	60-141	5	26	
Vinyl chloride	ug/kg	ND	1650	1650	1620	1600	99	97	46-121	2	20	
Xylene (Total)	ug/kg	ND	4950	4950	4510	4710	91	95	70-130	4	20	
4-Bromofluorobenzene (S)	%						93	93	54-126			
Dibromofluoromethane (S)	%						104	99	57-146			
Toluene-d8 (S)	%						100	96	64-134			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199204

QC Batch: 342024 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40199204001, 40199204002, 40199204003, 40199204004, 40199204005, 40199204006, 40199204007, 40199204008

SAMPLE DUPLICATE: 1986399

Parameter	Units	40199903003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.4	6.5	1	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: SHOREWOOD
Pace Project No.: 40199204

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
W	Non-detect results are reported on a wet weight basis.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SHOREWOOD
Pace Project No.: 40199204

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40199204001	**EX-1 WALL 3'**	EPA 5035/5030B	340876	EPA 8260	340877
40199204002	**EX-2 FLOOR 7'**	EPA 5035/5030B	340876	EPA 8260	340877
40199204003	**EX-3 WALL SAND 4'**	EPA 5035/5030B	340876	EPA 8260	340877
40199204004	**EX-4 FLOOR 5.5'**	EPA 5035/5030B	340876	EPA 8260	340877
40199204005	**EX-5 WALL NW 2'**	EPA 5035/5030B	340876	EPA 8260	340877
40199204006	**EX-6 FLOOR 5'**	EPA 5035/5030B	340876	EPA 8260	340877
40199204007	**EX-7 WALL NE 2'**	EPA 5035/5030B	340876	EPA 8260	340877
40199204008	**EX-8 WALL SE 3'**	EPA 5035/5030B	340876	EPA 8260	340877
40199204009	**MEOH BLANK**	EPA 5035/5030B	340876	EPA 8260	340877
40199204001	**EX-1 WALL 3'**	ASTM D2974-87	342024		
40199204002	**EX-2 FLOOR 7'**	ASTM D2974-87	342024		
40199204003	**EX-3 WALL SAND 4'**	ASTM D2974-87	342024		
40199204004	**EX-4 FLOOR 5.5'**	ASTM D2974-87	342024		
40199204005	**EX-5 WALL NW 2'**	ASTM D2974-87	342024		
40199204006	**EX-6 FLOOR 5'**	ASTM D2974-87	342024		
40199204007	**EX-7 WALL NE 2'**	ASTM D2974-87	342024		
40199204008	**EX-8 WALL SE 3'**	ASTM D2974-87	342024		

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

Page 1 of

40199204

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CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	SAND CREEK
Branch/Location:	PLYMOUTH
Project Contact:	Ken Ebbott
Phone:	920 918 9024
Project Number:	SHOREWOOD
Project Name:	SHOREWOOD
Project State:	WI
Sampled By (Print):	Ken Ebbott
Sampled By (Sign):	Ken Ebbott
PO #:	Regulatory Program:

Quote #:	DERF VOC $52
Mail To Contact:	Ken Ebbott
Mail To Company:	Sand Creek
Mail To Address:	W5877 Pheasant Lane Plymouth WI 53073
Invoice To Contact:	Tom Schafer
Invoice To Company:	4300 OAK LLC
Invoice To Address:	c/o Sand Creek Ken Ebbott
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: SOU	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
01	EX-1 Wall 3'	11-7-19	12:30	S		F	X			
02	EX-2 Floor >'	"	12:35	"			X			
03	EX-3 Wall Sand 4'	"	12:40	"			X			
04	EX-4 Floor 5.5'	11-13-19	14:00	"			X			
05	EX-5 Wall NW 2'	"	14:10	"			X			
06	EX-6 Floor 5'	"	14:20	"			X			
07	EX-7 Wall NE 2'	"	14:25	"			X			
08	EX-8 Wall SE 3'	"	14:40	"			X			
09	MeOH Blank						X			

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:
Ken Ebbott	11-14-19 1030		
	11-14-19 1300		11/14/19 1300

PACE Project No.: 40199204
Receipt Temp = 0.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

Sample Preservation Receipt Form

Client Name: Sandrock Project # 40199204

All containers needing preservation have been checked and noted below: □Yes □No ☒N/A Initial when completed: Date/ Time:

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

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001																			/				/										2.5 / 5 / 10
002																			/				/										2.5 / 5 / 10
003																			/				/										2.5 / 5 / 10
004																			/				/										2.5 / 5 / 10
005																			/				/										2.5 / 5 / 10
006																			/				/										2.5 / 5 / 10
007																			/				/										2.5 / 5 / 10
008																			/				/										2.5 / 5 / 10
009																			/														2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

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

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Sample Condition Upon Receipt Form (SCUR)

Project #: WO#: 40199204

40199204

Client Name: Sandcreek

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☑ Pace Other: ______

Tracking #: ______

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

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

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other ______

Thermometer Used SR - N/A **Type of Ice:** (Wet) Blue Dry None ☐ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT /Corr:

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

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 11/14/19
Initials:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. [illegible] 11/14/19
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD:	☐Yes ☑No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: S	☐Yes ☑No ☐N/A	12. 001-003-1105 missing "wall/floor/well Sand" 003-1245 all jars 1105 only on lid 11/14/19
Trip Blank Present:	☐Yes ☐No ☑N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): ______		

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

Person Contacted: ______ Date/Time: ______

Comments/ Resolution: ______

Project Manager Review: [signature] **Date:** 11/14/19

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

December 03, 2019

Ken Ebbott
SAND CREEK CONSULTANTS
W58577 Pheasant Lane
Plymouth, WI 53073

RE: Project: SHOREWOOD
Pace Project No.: 40199438

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on November 19, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

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

Enclosures

cc: Hollie DePuydt, SAND CREEK CONSULTANTS, INC.

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

CERTIFICATIONS

Project: SHOREWOOD
Pace Project No.: 40199438

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: SHOREWOOD
Pace Project No.: 40199438

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40199438001	EX-9 FLOOR 8.5'	Solid	11/15/19 09:00	11/19/19 14:30
40199438002	EX-10 FLOOR 8.5'	Solid	11/15/19 10:30	11/19/19 14:30
40199438003	EX-11 WALL 2'	Solid	11/15/19 12:15	11/19/19 14:30
40199438004	EX-12 FLOOR 5'	Solid	11/15/19 12:00	11/19/19 14:30
40199438005	EX-13 WALL 3'	Solid	11/15/19 12:30	11/19/19 14:30
40199438006	EX-14 FLOOR 10'	Solid	11/15/19 12:45	11/19/19 14:30
40199438007	EX-15 FLOOR 13'	Solid	11/15/19 14:30	11/19/19 14:30
40199438008	EX-16 SOUTHWALL 10'	Solid	11/18/19 09:30	11/19/19 14:30
40199438009	EX-17 FLOOR 16'	Solid	11/18/19 09:45	11/19/19 14:30
40199438010	EX-18 FLOOR 3'	Solid	11/18/19 10:45	11/19/19 14:30
40199438011	EX-19 WALL 0-1'	Solid	11/18/19 10:50	11/19/19 14:30
40199438012	EX-20 FLOOR 2'	Solid	11/18/19 11:15	11/19/19 14:30
40199438013	EX-21 FLOOR 3'	Solid	11/18/19 12:00	11/19/19 14:30
40199438014	EX-22 FLOOR 5.5'	Solid	11/18/19 13:15	11/19/19 14:30
40199438015	EX-23 FLOOR 5'	Solid	11/18/19 13:30	11/19/19 14:30
40199438016	EX-24 WALL 0-1'	Solid	11/18/19 13:40	11/19/19 14:30
40199438017	MEOH BLANK	Solid	11/18/19 00:00	11/19/19 14:30

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

SAMPLE ANALYTE COUNT

Project: SHOREWOOD
Pace Project No.: 40199438

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40199438001	**EX-9 FLOOR 8.5'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199438002	**EX-10 FLOOR 8.5'**	EPA 8260	ALD	63
		ASTM D2974-87	AH	1
40199438003	**EX-11 WALL 2'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199438004	**EX-12 FLOOR 5'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199438005	**EX-13 WALL 3'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199438006	**EX-14 FLOOR 10'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199438007	**EX-15 FLOOR 13'**	EPA 8260	MDS	63
		ASTM D2974-87	AH	1
40199438008	**EX-16 SOUTHWALL 10'**	EPA 8260	ALD	63
		ASTM D2974-87	AH	1
40199438009	**EX-17 FLOOR 16'**	EPA 8260	ALD	63
		ASTM D2974-87	AH	1
40199438010	**EX-18 FLOOR 3'**	EPA 8260	ALD	63
		ASTM D2974-87	AH	1
40199438011	**EX-19 WALL 0-1'**	EPA 8260	ALD	63
		ASTM D2974-87	AH	1
40199438012	**EX-20 FLOOR 2'**	EPA 8260	ALD	63
		ASTM D2974-87	AH	1
40199438013	**EX-21 FLOOR 3'**	EPA 8260	ALD	63
		ASTM D2974-87	AH	1
40199438014	**EX-22 FLOOR 5.5'**	EPA 8260	ALD	63
		ASTM D2974-87	AH	1
40199438015	**EX-23 FLOOR 5'**	EPA 8260	ALD	63
		ASTM D2974-87	AH	1
40199438016	**EX-24 WALL 0-1'**	EPA 8260	ALD	63
		ASTM D2974-87	AH	1
40199438017	**MEOH BLANK**	EPA 8260	ALD	63

Pace Analytical Services, LLC
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Green Bay, WI 54302
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SUMMARY OF DETECTION

Project: SHOREWOOD
Pace Project No.: 40199438

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40199438001	**EX-9 FLOOR 8.5'**					
ASTM D2974-87	Percent Moisture	12.9	%	0.10	11/21/19 11:18	
40199438002	**EX-10 FLOOR 8.5'**					
EPA 8260	Tetrachloroethene	368	ug/kg	150	11/26/19 19:07	
EPA 8260	Trichloroethene	52.5J	ug/kg	69.8	11/26/19 19:07	
ASTM D2974-87	Percent Moisture	14.0	%	0.10	11/25/19 11:48	
40199438003	**EX-11 WALL 2'**					
EPA 8260	Tetrachloroethene	300	ug/kg	138	11/26/19 17:00	
ASTM D2974-87	Percent Moisture	6.9	%	0.10	11/25/19 11:48	
40199438004	**EX-12 FLOOR 5'**					
EPA 8260	Isopropylbenzene (Cumene)	63.1J	ug/kg	70.3	11/26/19 17:17	
EPA 8260	Trichloroethene	30.9J	ug/kg	70.3	11/26/19 17:17	
EPA 8260	n-Butylbenzene	85.6J	ug/kg	117	11/26/19 17:17	
EPA 8260	n-Propylbenzene	40.2J	ug/kg	70.3	11/26/19 17:17	
EPA 8260	sec-Butylbenzene	142	ug/kg	84.3	11/26/19 17:17	
ASTM D2974-87	Percent Moisture	14.6	%	0.10	11/25/19 11:48	
40199438005	**EX-13 WALL 3'**					
EPA 8260	Tetrachloroethene	4770	ug/kg	151	11/26/19 20:42	
ASTM D2974-87	Percent Moisture	14.8	%	0.10	11/25/19 11:48	
40199438006	**EX-14 FLOOR 10'**					
EPA 8260	Tetrachloroethene	1320	ug/kg	150	11/26/19 17:34	
ASTM D2974-87	Percent Moisture	13.9	%	0.10	11/25/19 11:49	
40199438007	**EX-15 FLOOR 13'**					
ASTM D2974-87	Percent Moisture	15.0	%	0.10	11/25/19 11:49	
40199438008	**EX-16 SOUTHWALL 10'**					
EPA 8260	1,2,3-Trichloropropane	716	ug/kg	145	11/27/19 10:53	
ASTM D2974-87	Percent Moisture	14.0	%	0.10	11/25/19 11:49	
40199438009	**EX-17 FLOOR 16'**					
ASTM D2974-87	Percent Moisture	15.6	%	0.10	11/25/19 12:07	
40199438010	**EX-18 FLOOR 3'**					
ASTM D2974-87	Percent Moisture	17.6	%	0.10	11/25/19 12:07	
40199438011	**EX-19 WALL 0-1'**					
EPA 8260	Tetrachloroethene	55.6J	ug/kg	164	11/27/19 13:57	
ASTM D2974-87	Percent Moisture	21.4	%	0.10	11/25/19 12:07	
40199438012	**EX-20 FLOOR 2'**					
EPA 8260	Tetrachloroethene	55.7J	ug/kg	158	11/27/19 14:20	
ASTM D2974-87	Percent Moisture	18.2	%	0.10	11/25/19 12:07	
40199438013	**EX-21 FLOOR 3'**					
ASTM D2974-87	Percent Moisture	15.7	%	0.10	11/25/19 12:08	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: SHOREWOOD
Pace Project No.: 40199438

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40199438014	**EX-22 FLOOR 5.5'**					
ASTM D2974-87	Percent Moisture	22.0	%	0.10	11/25/19 12:08	
40199438015	**EX-23 FLOOR 5'**					
ASTM D2974-87	Percent Moisture	14.2	%	0.10	11/25/19 12:08	
40199438016	**EX-24 WALL 0-1'**					
ASTM D2974-87	Percent Moisture	22.3	%	0.10	11/20/19 10:54	

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-9 FLOOR 8.5' **Lab ID: 40199438001** Collected: 11/15/19 09:00 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 08:15	11/26/19 16:43	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 08:15	11/26/19 16:43	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 08:15	11/26/19 16:43	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 08:15	11/26/19 16:43	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 16:43	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 16:43	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 16:43	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 08:15	11/26/19 16:43	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 16:43	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 08:15	11/26/19 16:43	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 08:15	11/26/19 16:43	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 08:15	11/26/19 16:43	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 08:15	11/26/19 16:43	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 08:15	11/26/19 16:43	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 16:43	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 08:15	11/26/19 16:43	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 08:15	11/26/19 16:43	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 08:15	11/26/19 16:43	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-9 FLOOR 8.5' **Lab ID: 40199438001** Collected: 11/15/19 09:00 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 08:15	11/26/19 16:43	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 08:15	11/26/19 16:43	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 08:15	11/26/19 16:43	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 08:15	11/26/19 16:43	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 08:15	11/26/19 16:43	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 16:43	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 16:43	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 16:43	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 16:43	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 08:15	11/26/19 16:43	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 08:15	11/26/19 16:43	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	101	%	57-146		1	11/26/19 08:15	11/26/19 16:43	1868-53-7	
Toluene-d8 (S)	123	%	64-134		1	11/26/19 08:15	11/26/19 16:43	2037-26-5	
4-Bromofluorobenzene (S)	111	%	54-126		1	11/26/19 08:15	11/26/19 16:43	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.9**	%	0.10	0.10	1		11/21/19 11:18		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-10 FLOOR 8.5' **Lab ID: 40199438002** Collected: 11/15/19 10:30 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 08:00	11/26/19 19:07	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 08:00	11/26/19 19:07	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 08:00	11/26/19 19:07	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 08:00	11/26/19 19:07	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:00	11/26/19 19:07	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:00	11/26/19 19:07	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:00	11/26/19 19:07	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 08:00	11/26/19 19:07	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:00	11/26/19 19:07	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 08:00	11/26/19 19:07	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 08:00	11/26/19 19:07	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 08:00	11/26/19 19:07	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 08:00	11/26/19 19:07	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 08:00	11/26/19 19:07	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:00	11/26/19 19:07	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 08:00	11/26/19 19:07	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 08:00	11/26/19 19:07	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 08:00	11/26/19 19:07	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-10 FLOOR 8.5' **Lab ID: 40199438002** Collected: 11/15/19 10:30 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**368**	ug/kg	150	45.0	1	11/26/19 08:00	11/26/19 19:07	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	108-88-3	W
Trichloroethene	**52.5J**	ug/kg	69.8	29.1	1	11/26/19 08:00	11/26/19 19:07	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 08:00	11/26/19 19:07	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 08:00	11/26/19 19:07	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 08:00	11/26/19 19:07	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 08:00	11/26/19 19:07	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:00	11/26/19 19:07	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:00	11/26/19 19:07	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:00	11/26/19 19:07	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:00	11/26/19 19:07	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 08:00	11/26/19 19:07	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 08:00	11/26/19 19:07	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	105	%	57-146		1	11/26/19 08:00	11/26/19 19:07	1868-53-7	
Toluene-d8 (S)	112	%	64-134		1	11/26/19 08:00	11/26/19 19:07	2037-26-5	
4-Bromofluorobenzene (S)	102	%	54-126		1	11/26/19 08:00	11/26/19 19:07	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.0**	%	0.10	0.10	1		11/25/19 11:48		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-11 WALL 2' **Lab ID: 40199438003** Collected: 11/15/19 12:15 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 08:15	11/26/19 17:00	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 08:15	11/26/19 17:00	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 08:15	11/26/19 17:00	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 08:15	11/26/19 17:00	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 17:00	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 17:00	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 17:00	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 08:15	11/26/19 17:00	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:00	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 08:15	11/26/19 17:00	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 08:15	11/26/19 17:00	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 08:15	11/26/19 17:00	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 08:15	11/26/19 17:00	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 08:15	11/26/19 17:00	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:00	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 08:15	11/26/19 17:00	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 08:15	11/26/19 17:00	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 08:15	11/26/19 17:00	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-11 WALL 2' **Lab ID: 40199438003** Collected: 11/15/19 12:15 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**300**	ug/kg	138	41.5	1	11/26/19 08:15	11/26/19 17:00	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 08:15	11/26/19 17:00	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 08:15	11/26/19 17:00	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 08:15	11/26/19 17:00	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 08:15	11/26/19 17:00	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:00	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:00	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:00	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 17:00	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 08:15	11/26/19 17:00	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 08:15	11/26/19 17:00	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	100	%	57-146		1	11/26/19 08:15	11/26/19 17:00	1868-53-7	
Toluene-d8 (S)	122	%	64-134		1	11/26/19 08:15	11/26/19 17:00	2037-26-5	
4-Bromofluorobenzene (S)	111	%	54-126		1	11/26/19 08:15	11/26/19 17:00	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.9**	%	0.10	0.10	1		11/25/19 11:48		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-12 FLOOR 5' **Lab ID: 40199438004** Collected: 11/15/19 12:00 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 08:15	11/26/19 17:17	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 08:15	11/26/19 17:17	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 08:15	11/26/19 17:17	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 08:15	11/26/19 17:17	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 17:17	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 17:17	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 17:17	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 08:15	11/26/19 17:17	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:17	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 08:15	11/26/19 17:17	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 08:15	11/26/19 17:17	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 08:15	11/26/19 17:17	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 08:15	11/26/19 17:17	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 08:15	11/26/19 17:17	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:17	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 08:15	11/26/19 17:17	87-68-3	W
Isopropylbenzene (Cumene)	**63.1J**	ug/kg	70.3	29.3	1	11/26/19 08:15	11/26/19 17:17	98-82-8	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 08:15	11/26/19 17:17	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 08:15	11/26/19 17:17	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-12 FLOOR 5' **Lab ID: 40199438004** Collected: 11/15/19 12:00 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 08:15	11/26/19 17:17	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	108-88-3	W
Trichloroethene	**30.9J**	ug/kg	70.3	29.3	1	11/26/19 08:15	11/26/19 17:17	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 08:15	11/26/19 17:17	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 08:15	11/26/19 17:17	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:17	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 08:15	11/26/19 17:17	10061-01-5	W
n-Butylbenzene	**85.6J**	ug/kg	117	35.2	1	11/26/19 08:15	11/26/19 17:17	104-51-8	
n-Propylbenzene	**40.2J**	ug/kg	70.3	29.3	1	11/26/19 08:15	11/26/19 17:17	103-65-1	
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:17	99-87-6	W
sec-Butylbenzene	**142**	ug/kg	84.3	29.3	1	11/26/19 08:15	11/26/19 17:17	135-98-8	
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 17:17	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 08:15	11/26/19 17:17	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 08:15	11/26/19 17:17	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	93	%	57-146		1	11/26/19 08:15	11/26/19 17:17	1868-53-7	
Toluene-d8 (S)	114	%	64-134		1	11/26/19 08:15	11/26/19 17:17	2037-26-5	
4-Bromofluorobenzene (S)	112	%	54-126		1	11/26/19 08:15	11/26/19 17:17	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.6**	%	0.10	0.10	1		11/25/19 11:48		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-13 WALL 3' **Lab ID: 40199438005** Collected: 11/15/19 12:30 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 08:15	11/26/19 20:42	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 08:15	11/26/19 20:42	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 08:15	11/26/19 20:42	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 08:15	11/26/19 20:42	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 20:42	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 20:42	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 20:42	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 08:15	11/26/19 20:42	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 20:42	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 08:15	11/26/19 20:42	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 08:15	11/26/19 20:42	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 08:15	11/26/19 20:42	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 08:15	11/26/19 20:42	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 08:15	11/26/19 20:42	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 20:42	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 08:15	11/26/19 20:42	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 08:15	11/26/19 20:42	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 08:15	11/26/19 20:42	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-13 WALL 3' **Lab ID: 40199438005** Collected: 11/15/19 12:30 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**4770**	ug/kg	151	45.4	1	11/26/19 08:15	11/26/19 20:42	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 08:15	11/26/19 20:42	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 08:15	11/26/19 20:42	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 08:15	11/26/19 20:42	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 08:15	11/26/19 20:42	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 20:42	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 20:42	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 20:42	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 20:42	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 08:15	11/26/19 20:42	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 08:15	11/26/19 20:42	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	93	%	57-146		1	11/26/19 08:15	11/26/19 20:42	1868-53-7	
Toluene-d8 (S)	110	%	64-134		1	11/26/19 08:15	11/26/19 20:42	2037-26-5	
4-Bromofluorobenzene (S)	100	%	54-126		1	11/26/19 08:15	11/26/19 20:42	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.8**	%	0.10	0.10	1		11/25/19 11:48		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-14 FLOOR 10' **Lab ID: 40199438006** Collected: 11/15/19 12:45 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 08:15	11/26/19 17:34	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 08:15	11/26/19 17:34	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 08:15	11/26/19 17:34	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 08:15	11/26/19 17:34	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 17:34	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 17:34	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 17:34	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 08:15	11/26/19 17:34	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:34	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 08:15	11/26/19 17:34	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 08:15	11/26/19 17:34	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 08:15	11/26/19 17:34	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 08:15	11/26/19 17:34	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 08:15	11/26/19 17:34	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:34	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 08:15	11/26/19 17:34	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 08:15	11/26/19 17:34	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 08:15	11/26/19 17:34	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-14 FLOOR 10' **Lab ID: 40199438006** Collected: 11/15/19 12:45 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**1320**	ug/kg	150	45.0	1	11/26/19 08:15	11/26/19 17:34	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 08:15	11/26/19 17:34	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 08:15	11/26/19 17:34	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 08:15	11/26/19 17:34	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 08:15	11/26/19 17:34	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:34	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:34	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:34	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 17:34	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 08:15	11/26/19 17:34	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 08:15	11/26/19 17:34	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	90	%	57-146		1	11/26/19 08:15	11/26/19 17:34	1868-53-7	
Toluene-d8 (S)	108	%	64-134		1	11/26/19 08:15	11/26/19 17:34	2037-26-5	
4-Bromofluorobenzene (S)	99	%	54-126		1	11/26/19 08:15	11/26/19 17:34	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.9**	%	0.10	0.10	1		11/25/19 11:49		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-15 FLOOR 13' **Lab ID: 40199438007** Collected: 11/15/19 14:30 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 08:15	11/26/19 17:51	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 08:15	11/26/19 17:51	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 08:15	11/26/19 17:51	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 08:15	11/26/19 17:51	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 17:51	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/26/19 17:51	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 17:51	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 08:15	11/26/19 17:51	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:51	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 08:15	11/26/19 17:51	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 08:15	11/26/19 17:51	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 08:15	11/26/19 17:51	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 08:15	11/26/19 17:51	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 08:15	11/26/19 17:51	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:51	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 08:15	11/26/19 17:51	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 08:15	11/26/19 17:51	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 08:15	11/26/19 17:51	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-15 FLOOR 13' **Lab ID: 40199438007** Collected: 11/15/19 14:30 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 08:15	11/26/19 17:51	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 08:15	11/26/19 17:51	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 08:15	11/26/19 17:51	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 08:15	11/26/19 17:51	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 08:15	11/26/19 17:51	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/26/19 17:51	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:51	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/26/19 17:51	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/26/19 17:51	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 08:15	11/26/19 17:51	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 08:15	11/26/19 17:51	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	87	%	57-146		1	11/26/19 08:15	11/26/19 17:51	1868-53-7	
Toluene-d8 (S)	103	%	64-134		1	11/26/19 08:15	11/26/19 17:51	2037-26-5	
4-Bromofluorobenzene (S)	95	%	54-126		1	11/26/19 08:15	11/26/19 17:51	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.0**	%	0.10	0.10	1		11/25/19 11:49		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-16 SOUTHWALL 10' **Lab ID: 40199438008** Collected: 11/18/19 09:30 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 08:15	11/27/19 10:53	87-61-6	W
1,2,3-Trichloropropane	**716**	ug/kg	145	43.5	1	11/26/19 08:15	11/27/19 10:53	96-18-4	
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 08:15	11/27/19 10:53	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 08:15	11/27/19 10:53	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/27/19 10:53	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 08:15	11/27/19 10:53	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/27/19 10:53	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 08:15	11/27/19 10:53	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/27/19 10:53	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 08:15	11/27/19 10:53	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 08:15	11/27/19 10:53	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 08:15	11/27/19 10:53	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 08:15	11/27/19 10:53	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 08:15	11/27/19 10:53	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/27/19 10:53	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 08:15	11/27/19 10:53	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	1634-04-4	1q,W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 08:15	11/27/19 10:53	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 08:15	11/27/19 10:53	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-16 SOUTHWALL 10' **Lab ID: 40199438008** Collected: 11/18/19 09:30 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 08:15	11/27/19 10:53	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 08:15	11/27/19 10:53	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 08:15	11/27/19 10:53	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 08:15	11/27/19 10:53	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 08:15	11/27/19 10:53	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 08:15	11/27/19 10:53	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/27/19 10:53	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 08:15	11/27/19 10:53	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 08:15	11/27/19 10:53	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 08:15	11/27/19 10:53	156-60-5	1q,W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 08:15	11/27/19 10:53	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	94	%	57-146		1	11/26/19 08:15	11/27/19 10:53	1868-53-7	
Toluene-d8 (S)	111	%	64-134		1	11/26/19 08:15	11/27/19 10:53	2037-26-5	
4-Bromofluorobenzene (S)	104	%	54-126		1	11/26/19 08:15	11/27/19 10:53	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.0**	%	0.10	0.10	1		11/25/19 11:49		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-17 FLOOR 16' **Lab ID: 40199438009** Collected: 11/18/19 09:45 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 14:00	11/27/19 12:25	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 14:00	11/27/19 12:25	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 14:00	11/27/19 12:25	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 14:00	11/27/19 12:25	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 12:25	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 12:25	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 12:25	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 14:00	11/27/19 12:25	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 12:25	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 14:00	11/27/19 12:25	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 14:00	11/27/19 12:25	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 14:00	11/27/19 12:25	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 14:00	11/27/19 12:25	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 14:00	11/27/19 12:25	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 12:25	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 14:00	11/27/19 12:25	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 14:00	11/27/19 12:25	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 14:00	11/27/19 12:25	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-17 FLOOR 16' **Lab ID: 40199438009** Collected: 11/18/19 09:45 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 14:00	11/27/19 12:25	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 14:00	11/27/19 12:25	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 14:00	11/27/19 12:25	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 14:00	11/27/19 12:25	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 14:00	11/27/19 12:25	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 12:25	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 12:25	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 12:25	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 12:25	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 14:00	11/27/19 12:25	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 14:00	11/27/19 12:25	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	101	%	57-146		1	11/26/19 14:00	11/27/19 12:25	1868-53-7	
Toluene-d8 (S)	102	%	64-134		1	11/26/19 14:00	11/27/19 12:25	2037-26-5	
4-Bromofluorobenzene (S)	90	%	54-126		1	11/26/19 14:00	11/27/19 12:25	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.6**	%	0.10	0.10	1		11/25/19 12:07		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-18 FLOOR 3' **Lab ID: 40199438010** Collected: 11/18/19 10:45 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 14:00	11/27/19 13:34	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 14:00	11/27/19 13:34	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 14:00	11/27/19 13:34	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 18:25	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 14:00	11/27/19 13:34	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 18:25	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 13:34	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 13:34	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 13:34	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 14:00	11/27/19 13:34	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 13:34	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 14:00	11/27/19 13:34	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 14:00	11/27/19 13:34	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 14:00	11/27/19 13:34	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 14:00	11/27/19 13:34	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 14:00	11/27/19 13:34	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 13:34	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 14:00	11/27/19 13:34	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 14:00	11/27/19 13:34	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 14:00	11/27/19 13:34	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-18 FLOOR 3' **Lab ID: 40199438010** Collected: 11/18/19 10:45 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 14:00	11/27/19 13:34	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 14:00	11/27/19 13:34	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 14:00	11/27/19 13:34	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 14:00	11/27/19 13:34	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 14:00	11/27/19 13:34	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:34	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 13:34	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 13:34	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 13:34	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 14:00	11/27/19 13:34	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 14:00	11/27/19 13:34	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	119	%	57-146		1	11/26/19 14:00	11/27/19 13:34	1868-53-7	
Toluene-d8 (S)	123	%	64-134		1	11/26/19 14:00	11/27/19 13:34	2037-26-5	
4-Bromofluorobenzene (S)	111	%	54-126		1	11/26/19 14:00	11/27/19 13:34	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.6**	%	0.10	0.10	1		11/25/19 12:07		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-19 WALL 0-1' **Lab ID: 40199438011** Collected: 11/18/19 10:50 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 14:00	11/27/19 13:57	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 14:00	11/27/19 13:57	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 14:00	11/27/19 13:57	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 14:00	11/27/19 13:57	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 13:57	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 13:57	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 13:57	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 14:00	11/27/19 13:57	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 13:57	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 14:00	11/27/19 13:57	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 14:00	11/27/19 13:57	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 14:00	11/27/19 13:57	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 14:00	11/27/19 13:57	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 14:00	11/27/19 13:57	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 13:57	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 14:00	11/27/19 13:57	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 14:00	11/27/19 13:57	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 14:00	11/27/19 13:57	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-19 WALL 0-1' **Lab ID: 40199438011** Collected: 11/18/19 10:50 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**55.6J**	ug/kg	164	49.2	1	11/26/19 14:00	11/27/19 13:57	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 14:00	11/27/19 13:57	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 14:00	11/27/19 13:57	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 14:00	11/27/19 13:57	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 14:00	11/27/19 13:57	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 13:57	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 13:57	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 13:57	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 13:57	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 14:00	11/27/19 13:57	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 14:00	11/27/19 13:57	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	95	%	57-146		1	11/26/19 14:00	11/27/19 13:57	1868-53-7	2q
Toluene-d8 (S)	98	%	64-134		1	11/26/19 14:00	11/27/19 13:57	2037-26-5	
4-Bromofluorobenzene (S)	93	%	54-126		1	11/26/19 14:00	11/27/19 13:57	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.4**	%	0.10	0.10	1		11/25/19 12:07		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-20 FLOOR 2' **Lab ID: 40199438012** Collected: 11/18/19 11:15 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 14:00	11/27/19 14:20	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 14:00	11/27/19 14:20	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 14:00	11/27/19 14:20	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 14:00	11/27/19 14:20	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 14:20	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 14:20	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 14:20	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 14:00	11/27/19 14:20	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 14:20	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 14:00	11/27/19 14:20	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 14:00	11/27/19 14:20	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 14:00	11/27/19 14:20	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 14:00	11/27/19 14:20	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 14:00	11/27/19 14:20	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 14:20	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 14:00	11/27/19 14:20	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 14:00	11/27/19 14:20	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 14:00	11/27/19 14:20	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-20 FLOOR 2' **Lab ID: 40199438012** Collected: 11/18/19 11:15 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**55.7J**	ug/kg	158	47.3	1	11/26/19 14:00	11/27/19 14:20	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 14:00	11/27/19 14:20	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 14:00	11/27/19 14:20	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 14:00	11/27/19 14:20	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 14:00	11/27/19 14:20	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:20	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 14:20	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 14:20	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 14:20	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 14:00	11/27/19 14:20	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 14:00	11/27/19 14:20	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	99	%	57-146		1	11/26/19 14:00	11/27/19 14:20	1868-53-7	2q
Toluene-d8 (S)	99	%	64-134		1	11/26/19 14:00	11/27/19 14:20	2037-26-5	
4-Bromofluorobenzene (S)	94	%	54-126		1	11/26/19 14:00	11/27/19 14:20	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.2**	%	0.10	0.10	1		11/25/19 12:07		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-21 FLOOR 3' **Lab ID: 40199438013** Collected: 11/18/19 12:00 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 14:00	11/27/19 14:43	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 14:00	11/27/19 14:43	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 14:00	11/27/19 14:43	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 14:00	11/27/19 14:43	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 14:43	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 14:43	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 14:43	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 14:00	11/27/19 14:43	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 14:43	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 14:00	11/27/19 14:43	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 14:00	11/27/19 14:43	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 14:00	11/27/19 14:43	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 14:00	11/27/19 14:43	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 14:00	11/27/19 14:43	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 14:43	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 14:00	11/27/19 14:43	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 14:00	11/27/19 14:43	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 14:00	11/27/19 14:43	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-21 FLOOR 3' **Lab ID: 40199438013** Collected: 11/18/19 12:00 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 14:00	11/27/19 14:43	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 14:00	11/27/19 14:43	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 14:00	11/27/19 14:43	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 14:00	11/27/19 14:43	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 14:00	11/27/19 14:43	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 14:43	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 14:43	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 14:43	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 14:43	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 14:00	11/27/19 14:43	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 14:00	11/27/19 14:43	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	107	%	57-146		1	11/26/19 14:00	11/27/19 14:43	1868-53-7	
Toluene-d8 (S)	108	%	64-134		1	11/26/19 14:00	11/27/19 14:43	2037-26-5	
4-Bromofluorobenzene (S)	99	%	54-126		1	11/26/19 14:00	11/27/19 14:43	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.7**	%	0.10	0.10	1		11/25/19 12:08		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-22 FLOOR 5.5' **Lab ID: 40199438014** Collected: 11/18/19 13:15 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 14:00	11/27/19 20:43	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 14:00	11/27/19 20:43	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 14:00	11/27/19 20:43	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 14:00	11/27/19 20:43	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 20:43	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 20:43	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 20:43	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 14:00	11/27/19 20:43	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 20:43	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 14:00	11/27/19 20:43	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 14:00	11/27/19 20:43	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 14:00	11/27/19 20:43	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 14:00	11/27/19 20:43	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 14:00	11/27/19 20:43	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 20:43	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 14:00	11/27/19 20:43	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 14:00	11/27/19 20:43	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 14:00	11/27/19 20:43	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	100-42-5	W

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ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-22 FLOOR 5.5' **Lab ID: 40199438014** Collected: 11/18/19 13:15 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 14:00	11/27/19 20:43	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 14:00	11/27/19 20:43	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 14:00	11/27/19 20:43	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 14:00	11/27/19 20:43	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 14:00	11/27/19 20:43	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:43	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 20:43	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 20:43	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 20:43	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 14:00	11/27/19 20:43	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 14:00	11/27/19 20:43	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	95	%	57-146		1	11/26/19 14:00	11/27/19 20:43	1868-53-7	
Toluene-d8 (S)	95	%	64-134		1	11/26/19 14:00	11/27/19 20:43	2037-26-5	
4-Bromofluorobenzene (S)	88	%	54-126		1	11/26/19 14:00	11/27/19 20:43	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.0**	%	0.10	0.10	1		11/25/19 12:08		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-23 FLOOR 5' **Lab ID: 40199438015** Collected: 11/18/19 13:30 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 14:00	11/27/19 21:06	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 14:00	11/27/19 21:06	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 14:00	11/27/19 21:06	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 14:00	11/27/19 21:06	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 21:06	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 21:06	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 21:06	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 14:00	11/27/19 21:06	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 21:06	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 14:00	11/27/19 21:06	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 14:00	11/27/19 21:06	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 14:00	11/27/19 21:06	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 14:00	11/27/19 21:06	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 14:00	11/27/19 21:06	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 21:06	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 14:00	11/27/19 21:06	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 14:00	11/27/19 21:06	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 14:00	11/27/19 21:06	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	100-42-5	W

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ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-23 FLOOR 5' **Lab ID: 40199438015** Collected: 11/18/19 13:30 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 14:00	11/27/19 21:06	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 14:00	11/27/19 21:06	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 14:00	11/27/19 21:06	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 14:00	11/27/19 21:06	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 14:00	11/27/19 21:06	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:06	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 21:06	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 21:06	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 21:06	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 14:00	11/27/19 21:06	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 14:00	11/27/19 21:06	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	108	%	57-146		1	11/26/19 14:00	11/27/19 21:06	1868-53-7	
Toluene-d8 (S)	109	%	64-134		1	11/26/19 14:00	11/27/19 21:06	2037-26-5	
4-Bromofluorobenzene (S)	96	%	54-126		1	11/26/19 14:00	11/27/19 21:06	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.2**	%	0.10	0.10	1		11/25/19 12:08		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-24 WALL 0-1' **Lab ID: 40199438016** Collected: 11/18/19 13:40 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 14:00	11/27/19 21:30	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 14:00	11/27/19 21:30	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 14:00	11/27/19 21:30	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 14:00	11/27/19 21:30	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 21:30	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 21:30	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 21:30	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 14:00	11/27/19 21:30	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 21:30	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 14:00	11/27/19 21:30	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 14:00	11/27/19 21:30	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 14:00	11/27/19 21:30	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 14:00	11/27/19 21:30	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 14:00	11/27/19 21:30	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 21:30	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 14:00	11/27/19 21:30	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 14:00	11/27/19 21:30	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 14:00	11/27/19 21:30	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: EX-24 WALL 0-1' **Lab ID: 40199438016** Collected: 11/18/19 13:40 Received: 11/19/19 14:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 14:00	11/27/19 21:30	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 14:00	11/27/19 21:30	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 14:00	11/27/19 21:30	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 14:00	11/27/19 21:30	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 14:00	11/27/19 21:30	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 21:30	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 21:30	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 21:30	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 21:30	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 14:00	11/27/19 21:30	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 14:00	11/27/19 21:30	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	116	%	57-146		1	11/26/19 14:00	11/27/19 21:30	1868-53-7	
Toluene-d8 (S)	113	%	64-134		1	11/26/19 14:00	11/27/19 21:30	2037-26-5	
4-Bromofluorobenzene (S)	102	%	54-126		1	11/26/19 14:00	11/27/19 21:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.3**	%	0.10	0.10	1		11/20/19 10:54		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: MEOH BLANK **Lab ID: 40199438017** Collected: 11/18/19 00:00 Received: 11/19/19 14:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	563-58-6	W
1,2,3-Trichlorobenzene	**<47.3**	ug/kg	158	47.3	1	11/26/19 14:00	11/27/19 20:20	87-61-6	W
1,2,3-Trichloropropane	**<37.4**	ug/kg	125	37.4	1	11/26/19 14:00	11/27/19 20:20	96-18-4	W
1,2,4-Trichlorobenzene	**<41.7**	ug/kg	250	41.7	1	11/26/19 14:00	11/27/19 20:20	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	95-63-6	W
1,2-Dibromo-3-chloropropane	**<237**	ug/kg	789	237	1	11/26/19 14:00	11/27/19 20:20	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	106-93-4	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 20:20	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	64.0	25.0	1	11/26/19 14:00	11/27/19 20:20	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 20:20	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	70.0	25.0	1	11/26/19 14:00	11/27/19 20:20	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	75-27-4	W
Bromoform	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 20:20	75-25-2	W
Bromomethane	**<63.8**	ug/kg	250	63.8	1	11/26/19 14:00	11/27/19 20:20	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	108-90-7	W
Chloroethane	**<46.4**	ug/kg	250	46.4	1	11/26/19 14:00	11/27/19 20:20	75-00-3	W
Chloroform	**<47.5**	ug/kg	250	47.5	1	11/26/19 14:00	11/27/19 20:20	67-66-3	W
Chloromethane	**<25.0**	ug/kg	80.0	25.0	1	11/26/19 14:00	11/27/19 20:20	74-87-3	W
Dibromochloromethane	**<229**	ug/kg	763	229	1	11/26/19 14:00	11/27/19 20:20	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 20:20	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	100-41-4	W
Hexachloro-1,3-butadiene	**<68.7**	ug/kg	229	68.7	1	11/26/19 14:00	11/27/19 20:20	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	1634-04-4	W
Methylene Chloride	**<26.3**	ug/kg	88.0	26.3	1	11/26/19 14:00	11/27/19 20:20	75-09-2	W
Naphthalene	**<27.3**	ug/kg	91.0	27.3	1	11/26/19 14:00	11/27/19 20:20	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199438

Sample: MEOH BLANK **Lab ID: 40199438017** Collected: 11/18/19 00:00 Received: 11/19/19 14:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<38.7**	ug/kg	129	38.7	1	11/26/19 14:00	11/27/19 20:20	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	65.0	25.0	1	11/26/19 14:00	11/27/19 20:20	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	75-01-4	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	11/26/19 14:00	11/27/19 20:20	1330-20-7	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	156-59-2	W
cis-1,3-Dichloropropene	**<42.3**	ug/kg	141	42.3	1	11/26/19 14:00	11/27/19 20:20	10061-01-5	W
n-Butylbenzene	**<30.0**	ug/kg	100	30.0	1	11/26/19 14:00	11/27/19 20:20	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/19 14:00	11/27/19 20:20	103-65-1	W
p-Isopropyltoluene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 20:20	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	72.0	25.0	1	11/26/19 14:00	11/27/19 20:20	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	62.0	25.0	1	11/26/19 14:00	11/27/19 20:20	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	67.0	25.0	1	11/26/19 14:00	11/27/19 20:20	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	74.0	25.0	1	11/26/19 14:00	11/27/19 20:20	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	100	%	57-146		1	11/26/19 14:00	11/27/19 20:20	1868-53-7	
Toluene-d8 (S)	98	%	64-134		1	11/26/19 14:00	11/27/19 20:20	2037-26-5	
4-Bromofluorobenzene (S)	94	%	54-126		1	11/26/19 14:00	11/27/19 20:20	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

QC Batch: 341905
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40199438002

METHOD BLANK: 1985765
Matrix: Solid
Associated Lab Samples: 40199438002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<7.8	50.0	11/26/19 09:19	
1,1,1-Trichloroethane	ug/kg	<13.5	50.0	11/26/19 09:19	
1,1,2,2-Tetrachloroethane	ug/kg	<15.7	52.0	11/26/19 09:19	
1,1,2-Trichloroethane	ug/kg	<15.7	52.0	11/26/19 09:19	
1,1-Dichloroethane	ug/kg	<13.5	50.0	11/26/19 09:19	
1,1-Dichloroethene	ug/kg	<11.8	50.0	11/26/19 09:19	
1,1-Dichloropropene	ug/kg	<10.7	50.0	11/26/19 09:19	
1,2,3-Trichlorobenzene	ug/kg	<47.3	158	11/26/19 09:19	
1,2,3-Trichloropropane	ug/kg	<37.4	125	11/26/19 09:19	
1,2,4-Trichlorobenzene	ug/kg	<41.7	250	11/26/19 09:19	
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	11/26/19 09:19	
1,2-Dibromo-3-chloropropane	ug/kg	<237	789	11/26/19 09:19	
1,2-Dibromoethane (EDB)	ug/kg	<17.0	57.0	11/26/19 09:19	
1,2-Dichlorobenzene	ug/kg	<13.1	50.0	11/26/19 09:19	
1,2-Dichloroethane	ug/kg	<13.8	50.0	11/26/19 09:19	
1,2-Dichloropropane	ug/kg	<13.5	50.0	11/26/19 09:19	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	11/26/19 09:19	
1,3-Dichlorobenzene	ug/kg	<13.0	50.0	11/26/19 09:19	
1,3-Dichloropropane	ug/kg	<11.0	50.0	11/26/19 09:19	
1,4-Dichlorobenzene	ug/kg	<12.0	50.0	11/26/19 09:19	
2,2-Dichloropropane	ug/kg	<15.7	52.0	11/26/19 09:19	
2-Chlorotoluene	ug/kg	<19.3	64.0	11/26/19 09:19	
4-Chlorotoluene	ug/kg	<19.3	64.0	11/26/19 09:19	
Benzene	ug/kg	<12.5	42.0	11/26/19 09:19	
Bromobenzene	ug/kg	<18.5	62.0	11/26/19 09:19	
Bromochloromethane	ug/kg	<20.9	70.0	11/26/19 09:19	
Bromodichloromethane	ug/kg	<10.0	50.0	11/26/19 09:19	
Bromoform	ug/kg	<21.6	72.0	11/26/19 09:19	
Bromomethane	ug/kg	<63.8	250	11/26/19 09:19	
Carbon tetrachloride	ug/kg	<7.5	50.0	11/26/19 09:19	
Chlorobenzene	ug/kg	<16.8	56.0	11/26/19 09:19	
Chloroethane	ug/kg	<46.4	250	11/26/19 09:19	
Chloroform	ug/kg	<47.5	250	11/26/19 09:19	
Chloromethane	ug/kg	<24.0	80.0	11/26/19 09:19	
cis-1,2-Dichloroethene	ug/kg	<14.8	50.0	11/26/19 09:19	
cis-1,3-Dichloropropene	ug/kg	<42.3	141	11/26/19 09:19	
Dibromochloromethane	ug/kg	<229	763	11/26/19 09:19	
Dibromomethane	ug/kg	<17.7	59.0	11/26/19 09:19	
Dichlorodifluoromethane	ug/kg	<21.7	72.0	11/26/19 09:19	
Diisopropyl ether	ug/kg	<14.0	50.0	11/26/19 09:19	
Ethylbenzene	ug/kg	<14.5	50.0	11/26/19 09:19	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

METHOD BLANK: 1985765 Matrix: Solid
Associated Lab Samples: 40199438002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<68.7	229	11/26/19 09:19	
Isopropylbenzene (Cumene)	ug/kg	<17.7	59.0	11/26/19 09:19	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	11/26/19 09:19	
Methylene Chloride	ug/kg	<26.3	88.0	11/26/19 09:19	
n-Butylbenzene	ug/kg	<30.0	100	11/26/19 09:19	
n-Propylbenzene	ug/kg	<17.8	59.0	11/26/19 09:19	
Naphthalene	ug/kg	<27.3	91.0	11/26/19 09:19	
p-Isopropyltoluene	ug/kg	<21.7	72.0	11/26/19 09:19	
sec-Butylbenzene	ug/kg	<21.5	72.0	11/26/19 09:19	
Styrene	ug/kg	<12.3	50.0	11/26/19 09:19	
tert-Butylbenzene	ug/kg	<18.7	62.0	11/26/19 09:19	
Tetrachloroethene	ug/kg	<38.7	129	11/26/19 09:19	
Toluene	ug/kg	<13.1	50.0	11/26/19 09:19	
trans-1,2-Dichloroethene	ug/kg	<20.2	67.0	11/26/19 09:19	
trans-1,3-Dichloropropene	ug/kg	<22.2	74.0	11/26/19 09:19	
Trichloroethene	ug/kg	<12.8	50.0	11/26/19 09:19	
Trichlorofluoromethane	ug/kg	<19.6	65.0	11/26/19 09:19	
Vinyl chloride	ug/kg	<14.5	50.0	11/26/19 09:19	
Xylene (Total)	ug/kg	<50.5	168	11/26/19 09:19	
4-Bromofluorobenzene (S)	%	89	54-126	11/26/19 09:19	
Dibromofluoromethane (S)	%	92	57-146	11/26/19 09:19	
Toluene-d8 (S)	%	99	64-134	11/26/19 09:19	

LABORATORY CONTROL SAMPLE: 1985766

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2400	96	70-132	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2480	99	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2590	103	70-130	
1,1-Dichloroethane	ug/kg	2500	2510	100	70-130	
1,1-Dichloroethene	ug/kg	2500	2290	92	77-126	
1,2,4-Trichlorobenzene	ug/kg	2500	2160	87	66-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2330	93	54-129	
1,2-Dibromoethane (EDB)	ug/kg	2500	2530	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2380	95	70-130	
1,2-Dichloroethane	ug/kg	2500	2480	99	70-134	
1,2-Dichloropropane	ug/kg	2500	2490	100	74-124	
1,3-Dichlorobenzene	ug/kg	2500	2410	97	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2370	95	70-130	
Benzene	ug/kg	2500	2450	98	70-130	
Bromodichloromethane	ug/kg	2500	2540	101	70-130	
Bromoform	ug/kg	2500	2040	82	47-115	
Bromomethane	ug/kg	2500	2270	91	64-165	
Carbon tetrachloride	ug/kg	2500	2420	97	70-131	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

LABORATORY CONTROL SAMPLE: 1985766

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2400	96	70-130	
Chloroethane	ug/kg	2500	2490	100	28-197	
Chloroform	ug/kg	2500	2330	93	80-131	
Chloromethane	ug/kg	2500	2170	87	45-118	
cis-1,2-Dichloroethene	ug/kg	2500	2150	86	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2540	102	70-130	
Dibromochloromethane	ug/kg	2500	2470	99	70-130	
Dichlorodifluoromethane	ug/kg	2500	1960	78	38-108	
Ethylbenzene	ug/kg	2500	2450	98	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2380	95	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2430	97	70-130	
Methylene Chloride	ug/kg	2500	2300	92	70-130	
Styrene	ug/kg	2500	2430	97	70-130	
Tetrachloroethene	ug/kg	2500	2440	98	70-130	
Toluene	ug/kg	2500	2440	97	80-121	
trans-1,2-Dichloroethene	ug/kg	2500	2420	97	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2520	101	70-130	
Trichloroethene	ug/kg	2500	2460	98	70-130	
Trichlorofluoromethane	ug/kg	2500	2450	98	81-141	
Vinyl chloride	ug/kg	2500	2230	89	68-121	
Xylene (Total)	ug/kg	7500	7320	98	70-130	
4-Bromofluorobenzene (S)	%			96	54-126	
Dibromofluoromethane (S)	%			96	57-146	
Toluene-d8 (S)	%			100	64-134	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1985767 1985768

Parameter	Units	40199374001 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/kg	<25.0	1480	1480	1370	1410	93	95	64-132	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1480	1480	1590	1580	108	107	70-132	1	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1480	1480	1580	1610	107	109	70-130	2	20	
1,1-Dichloroethane	ug/kg	<25.0	1480	1480	1420	1530	96	103	70-130	7	20	
1,1-Dichloroethene	ug/kg	<25.0	1480	1480	1160	1230	79	83	65-126	5	21	
1,2,4-Trichlorobenzene	ug/kg	<41.7	1480	1480	1410	1440	96	98	66-139	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	<237	1480	1480	1410	1450	95	98	47-146	3	23	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1480	1480	1490	1630	101	110	70-130	8	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1480	1480	1520	1540	102	103	70-130	1	20	
1,2-Dichloroethane	ug/kg	<25.0	1480	1480	1510	1520	103	103	70-136	0	20	
1,2-Dichloropropane	ug/kg	<25.0	1480	1480	1540	1570	104	106	74-124	2	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1480	1480	1540	1570	103	105	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1480	1480	1500	1510	102	103	70-130	1	20	
Benzene	ug/kg	<25.0	1480	1480	1420	1490	96	101	70-130	5	20	
Bromodichloromethane	ug/kg	<25.0	1480	1480	1500	1550	102	105	70-130	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1985767 1985768

Parameter	Units	40199374001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromoform	ug/kg	<25.0	1480	1480	1280	1340	87	91	47-129	5	20	
Bromomethane	ug/kg	<63.8	1480	1480	1180	1310	80	89	41-180	10	20	
Carbon tetrachloride	ug/kg	<25.0	1480	1480	1320	1360	89	92	58-133	3	20	
Chlorobenzene	ug/kg	<25.0	1480	1480	1450	1540	98	104	70-130	6	20	
Chloroethane	ug/kg	<46.4	1480	1480	1370	1440	93	97	28-197	5	20	
Chloroform	ug/kg	<47.5	1480	1480	1390	1450	94	98	80-131	4	20	
Chloromethane	ug/kg	<25.0	1480	1480	1030	1080	70	73	26-118	5	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1480	1480	1260	1300	85	88	70-130	3	20	
cis-1,3-Dichloropropene	ug/kg	<42.3	1480	1480	1520	1570	103	106	70-130	3	20	
Dibromochloromethane	ug/kg	<229	1480	1480	1450	1450	98	98	67-130	0	20	
Dichlorodifluoromethane	ug/kg	<25.0	1480	1480	949	922	64	62	12-108	3	29	
Ethylbenzene	ug/kg	<25.0	1480	1480	1450	1490	98	101	80-122	3	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1480	1480	1360	1400	92	95	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1480	1480	1390	1460	94	99	70-130	5	20	
Methylene Chloride	ug/kg	<26.3	1480	1480	1370	1410	93	96	70-130	3	20	
Styrene	ug/kg	<25.0	1480	1480	1450	1520	99	103	70-130	4	20	
Tetrachloroethene	ug/kg	<38.7	1480	1480	1360	1400	92	95	70-130	3	20	
Toluene	ug/kg	<25.0	1480	1480	1450	1500	98	102	80-121	4	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1480	1480	1320	1340	90	91	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1480	1480	1460	1550	99	105	70-130	6	20	
Trichloroethene	ug/kg	<25.0	1480	1480	1400	1450	95	98	70-130	3	20	
Trichlorofluoromethane	ug/kg	<25.0	1480	1480	1270	1200	86	81	60-141	5	26	
Vinyl chloride	ug/kg	<25.0	1480	1480	1100	1150	75	78	46-121	4	20	
Xylene (Total)	ug/kg	<75.0	4430	4430	4270	4470	96	101	70-130	5	20	
4-Bromofluorobenzene (S)	%						92	92	54-126			
Dibromofluoromethane (S)	%						96	96	57-146			
Toluene-d8 (S)	%						99	99	64-134			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

QC Batch: 341926 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40199438001, 40199438003, 40199438004, 40199438005, 40199438006, 40199438007, 40199438008

METHOD BLANK: 1985840 Matrix: Solid
Associated Lab Samples: 40199438001, 40199438003, 40199438004, 40199438005, 40199438006, 40199438007, 40199438008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<7.8	50.0	11/26/19 13:53	
1,1,1-Trichloroethane	ug/kg	<13.5	50.0	11/26/19 13:53	
1,1,2,2-Tetrachloroethane	ug/kg	<15.7	52.0	11/26/19 13:53	
1,1,2-Trichloroethane	ug/kg	<15.7	52.0	11/26/19 13:53	
1,1-Dichloroethane	ug/kg	<13.5	50.0	11/26/19 13:53	
1,1-Dichloroethene	ug/kg	<11.8	50.0	11/26/19 13:53	
1,1-Dichloropropene	ug/kg	<10.7	50.0	11/26/19 13:53	
1,2,3-Trichlorobenzene	ug/kg	<47.3	158	11/26/19 13:53	
1,2,3-Trichloropropane	ug/kg	<37.4	125	11/26/19 13:53	
1,2,4-Trichlorobenzene	ug/kg	<41.7	250	11/26/19 13:53	
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	11/26/19 13:53	
1,2-Dibromo-3-chloropropane	ug/kg	<237	789	11/26/19 13:53	
1,2-Dibromoethane (EDB)	ug/kg	<17.0	57.0	11/26/19 13:53	
1,2-Dichlorobenzene	ug/kg	<13.1	50.0	11/26/19 13:53	
1,2-Dichloroethane	ug/kg	<13.8	50.0	11/26/19 13:53	
1,2-Dichloropropane	ug/kg	<13.5	50.0	11/26/19 13:53	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	11/26/19 13:53	
1,3-Dichlorobenzene	ug/kg	<13.0	50.0	11/26/19 13:53	
1,3-Dichloropropane	ug/kg	<11.0	50.0	11/26/19 13:53	
1,4-Dichlorobenzene	ug/kg	<12.0	50.0	11/26/19 13:53	
2,2-Dichloropropane	ug/kg	<15.7	52.0	11/26/19 13:53	
2-Chlorotoluene	ug/kg	<19.3	64.0	11/26/19 13:53	
4-Chlorotoluene	ug/kg	<19.3	64.0	11/26/19 13:53	
Benzene	ug/kg	<12.5	42.0	11/26/19 13:53	
Bromobenzene	ug/kg	<18.5	62.0	11/26/19 13:53	
Bromochloromethane	ug/kg	<20.9	70.0	11/26/19 13:53	
Bromodichloromethane	ug/kg	<10.0	50.0	11/26/19 13:53	
Bromoform	ug/kg	<21.6	72.0	11/26/19 13:53	
Bromomethane	ug/kg	<63.8	250	11/26/19 13:53	
Carbon tetrachloride	ug/kg	<7.5	50.0	11/26/19 13:53	
Chlorobenzene	ug/kg	<16.8	56.0	11/26/19 13:53	
Chloroethane	ug/kg	<46.4	250	11/26/19 13:53	
Chloroform	ug/kg	<47.5	250	11/26/19 13:53	
Chloromethane	ug/kg	<24.0	80.0	11/26/19 13:53	
cis-1,2-Dichloroethene	ug/kg	<14.8	50.0	11/26/19 13:53	
cis-1,3-Dichloropropene	ug/kg	<42.3	141	11/26/19 13:53	
Dibromochloromethane	ug/kg	<229	763	11/26/19 13:53	
Dibromomethane	ug/kg	<17.7	59.0	11/26/19 13:53	
Dichlorodifluoromethane	ug/kg	<21.7	72.0	11/26/19 13:53	
Diisopropyl ether	ug/kg	<14.0	50.0	11/26/19 13:53	
Ethylbenzene	ug/kg	<14.5	50.0	11/26/19 13:53	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

METHOD BLANK: 1985840 Matrix: Solid
Associated Lab Samples: 40199438001, 40199438003, 40199438004, 40199438005, 40199438006, 40199438007, 40199438008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<68.7	229	11/26/19 13:53	
Isopropylbenzene (Cumene)	ug/kg	<17.7	59.0	11/26/19 13:53	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	11/26/19 13:53	
Methylene Chloride	ug/kg	<26.3	88.0	11/26/19 13:53	
n-Butylbenzene	ug/kg	<30.0	100	11/26/19 13:53	
n-Propylbenzene	ug/kg	<17.8	59.0	11/26/19 13:53	
Naphthalene	ug/kg	<27.3	91.0	11/26/19 13:53	
p-Isopropyltoluene	ug/kg	<21.7	72.0	11/26/19 13:53	
sec-Butylbenzene	ug/kg	<21.5	72.0	11/26/19 13:53	
Styrene	ug/kg	<12.3	50.0	11/26/19 13:53	
tert-Butylbenzene	ug/kg	<18.7	62.0	11/26/19 13:53	
Tetrachloroethene	ug/kg	<38.7	129	11/26/19 13:53	
Toluene	ug/kg	<13.1	50.0	11/26/19 13:53	
trans-1,2-Dichloroethene	ug/kg	<20.2	67.0	11/26/19 13:53	
trans-1,3-Dichloropropene	ug/kg	<22.2	74.0	11/26/19 13:53	
Trichloroethene	ug/kg	<12.8	50.0	11/26/19 13:53	
Trichlorofluoromethane	ug/kg	<19.6	65.0	11/26/19 13:53	
Vinyl chloride	ug/kg	<14.5	50.0	11/26/19 13:53	
Xylene (Total)	ug/kg	<50.5	168	11/26/19 13:53	
4-Bromofluorobenzene (S)	%	101	54-126	11/26/19 13:53	
Dibromofluoromethane (S)	%	90	57-146	11/26/19 13:53	
Toluene-d8 (S)	%	107	64-134	11/26/19 13:53	

LABORATORY CONTROL SAMPLE: 1985841

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2450	98	70-132	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2660	106	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2640	106	70-130	
1,1-Dichloroethane	ug/kg	2500	2480	99	70-130	
1,1-Dichloroethene	ug/kg	2500	2310	93	77-126	
1,2,4-Trichlorobenzene	ug/kg	2500	2320	93	66-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2100	84	54-129	
1,2-Dibromoethane (EDB)	ug/kg	2500	2760	110	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2440	98	70-130	
1,2-Dichloroethane	ug/kg	2500	2390	96	70-134	
1,2-Dichloropropane	ug/kg	2500	2610	105	74-124	
1,3-Dichlorobenzene	ug/kg	2500	2630	105	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2530	101	70-130	
Benzene	ug/kg	2500	2400	96	70-130	
Bromodichloromethane	ug/kg	2500	2060	82	70-130	
Bromoform	ug/kg	2500	1940	77	47-115	
Bromomethane	ug/kg	2500	2130	85	64-165	
Carbon tetrachloride	ug/kg	2500	2070	83	70-131	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

LABORATORY CONTROL SAMPLE: 1985841

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2570	103	70-130	
Chloroethane	ug/kg	2500	2410	97	28-197	
Chloroform	ug/kg	2500	2270	91	80-131	
Chloromethane	ug/kg	2500	2290	92	45-118	
cis-1,2-Dichloroethene	ug/kg	2500	2410	96	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2100	84	70-130	
Dibromochloromethane	ug/kg	2500	2150	86	70-130	
Dichlorodifluoromethane	ug/kg	2500	1970	79	38-108	
Ethylbenzene	ug/kg	2500	2580	103	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2570	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2570	103	70-130	
Methylene Chloride	ug/kg	2500	2290	92	70-130	
Styrene	ug/kg	2500	2460	98	70-130	
Tetrachloroethene	ug/kg	2500	2510	101	70-130	
Toluene	ug/kg	2500	2670	107	80-121	
trans-1,2-Dichloroethene	ug/kg	2500	2370	95	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2160	86	70-130	
Trichloroethene	ug/kg	2500	2550	102	70-130	
Trichlorofluoromethane	ug/kg	2500	2400	96	81-141	
Vinyl chloride	ug/kg	2500	2370	95	68-121	
Xylene (Total)	ug/kg	7500	7900	105	70-130	
4-Bromofluorobenzene (S)	%			109	54-126	
Dibromofluoromethane (S)	%			98	57-146	
Toluene-d8 (S)	%			108	64-134	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

QC Batch: 341955 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40199438009, 40199438010, 40199438011, 40199438012, 40199438013, 40199438014, 40199438015, 40199438016, 40199438017

METHOD BLANK: 1986045 Matrix: Solid
Associated Lab Samples: 40199438009, 40199438010, 40199438011, 40199438012, 40199438013, 40199438014, 40199438015, 40199438016, 40199438017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<7.8	50.0	11/27/19 10:29	
1,1,1-Trichloroethane	ug/kg	<13.5	50.0	11/27/19 10:29	
1,1,2,2-Tetrachloroethane	ug/kg	<15.7	52.0	11/27/19 10:29	
1,1,2-Trichloroethane	ug/kg	<15.7	52.0	11/27/19 10:29	
1,1-Dichloroethane	ug/kg	<13.5	50.0	11/27/19 10:29	
1,1-Dichloroethene	ug/kg	<11.8	50.0	11/27/19 10:29	
1,1-Dichloropropene	ug/kg	<10.7	50.0	11/27/19 10:29	
1,2,3-Trichlorobenzene	ug/kg	<47.3	158	11/27/19 10:29	
1,2,3-Trichloropropane	ug/kg	<37.4	125	11/27/19 10:29	
1,2,4-Trichlorobenzene	ug/kg	<41.7	250	11/27/19 10:29	
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	11/27/19 10:29	
1,2-Dibromo-3-chloropropane	ug/kg	<237	789	11/27/19 10:29	
1,2-Dibromoethane (EDB)	ug/kg	<17.0	57.0	11/27/19 10:29	
1,2-Dichlorobenzene	ug/kg	<13.1	50.0	11/27/19 10:29	
1,2-Dichloroethane	ug/kg	<13.8	50.0	11/27/19 10:29	
1,2-Dichloropropane	ug/kg	<13.5	50.0	11/27/19 10:29	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	11/27/19 10:29	
1,3-Dichlorobenzene	ug/kg	<13.0	50.0	11/27/19 10:29	
1,3-Dichloropropane	ug/kg	<11.0	50.0	11/27/19 10:29	
1,4-Dichlorobenzene	ug/kg	<12.0	50.0	11/27/19 10:29	
2,2-Dichloropropane	ug/kg	<15.7	52.0	11/27/19 10:29	
2-Chlorotoluene	ug/kg	<19.3	64.0	11/27/19 10:29	
4-Chlorotoluene	ug/kg	<19.3	64.0	11/27/19 10:29	
Benzene	ug/kg	<12.5	42.0	11/27/19 10:29	
Bromobenzene	ug/kg	<18.5	62.0	11/27/19 10:29	
Bromochloromethane	ug/kg	<20.9	70.0	11/27/19 10:29	
Bromodichloromethane	ug/kg	<10.0	50.0	11/27/19 10:29	
Bromoform	ug/kg	<21.6	72.0	11/27/19 10:29	
Bromomethane	ug/kg	<63.8	250	11/27/19 10:29	
Carbon tetrachloride	ug/kg	<7.5	50.0	11/27/19 10:29	
Chlorobenzene	ug/kg	<16.8	56.0	11/27/19 10:29	
Chloroethane	ug/kg	<46.4	250	11/27/19 10:29	
Chloroform	ug/kg	<47.5	250	11/27/19 10:29	
Chloromethane	ug/kg	<24.0	80.0	11/27/19 10:29	
cis-1,2-Dichloroethene	ug/kg	<14.8	50.0	11/27/19 10:29	
cis-1,3-Dichloropropene	ug/kg	<42.3	141	11/27/19 10:29	
Dibromochloromethane	ug/kg	<229	763	11/27/19 10:29	
Dibromomethane	ug/kg	<17.7	59.0	11/27/19 10:29	
Dichlorodifluoromethane	ug/kg	<21.7	72.0	11/27/19 10:29	
Diisopropyl ether	ug/kg	<14.0	50.0	11/27/19 10:29	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

METHOD BLANK: 1986045 Matrix: Solid

Associated Lab Samples: 40199438009, 40199438010, 40199438011, 40199438012, 40199438013, 40199438014, 40199438015, 40199438016, 40199438017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<14.5	50.0	11/27/19 10:29	
Hexachloro-1,3-butadiene	ug/kg	<68.7	229	11/27/19 10:29	
Isopropylbenzene (Cumene)	ug/kg	<17.7	59.0	11/27/19 10:29	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	11/27/19 10:29	
Methylene Chloride	ug/kg	<26.3	88.0	11/27/19 10:29	
n-Butylbenzene	ug/kg	<30.0	100	11/27/19 10:29	
n-Propylbenzene	ug/kg	<17.8	59.0	11/27/19 10:29	
Naphthalene	ug/kg	<27.3	91.0	11/27/19 10:29	
p-Isopropyltoluene	ug/kg	<21.7	72.0	11/27/19 10:29	
sec-Butylbenzene	ug/kg	<21.5	72.0	11/27/19 10:29	
Styrene	ug/kg	<12.3	50.0	11/27/19 10:29	
tert-Butylbenzene	ug/kg	<18.7	62.0	11/27/19 10:29	
Tetrachloroethene	ug/kg	<38.7	129	11/27/19 10:29	
Toluene	ug/kg	<13.1	50.0	11/27/19 10:29	
trans-1,2-Dichloroethene	ug/kg	<20.2	67.0	11/27/19 10:29	
trans-1,3-Dichloropropene	ug/kg	<22.2	74.0	11/27/19 10:29	
Trichloroethene	ug/kg	<12.8	50.0	11/27/19 10:29	
Trichlorofluoromethane	ug/kg	<19.6	65.0	11/27/19 10:29	
Vinyl chloride	ug/kg	<14.5	50.0	11/27/19 10:29	
Xylene (Total)	ug/kg	<50.5	168	11/27/19 10:29	
4-Bromofluorobenzene (S)	%	99	54-126	11/27/19 10:29	
Dibromofluoromethane (S)	%	106	57-146	11/27/19 10:29	
Toluene-d8 (S)	%	109	64-134	11/27/19 10:29	

LABORATORY CONTROL SAMPLE: 1986046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2520	101	70-132	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2470	99	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2370	95	70-130	
1,1-Dichloroethane	ug/kg	2500	2490	99	70-130	
1,1-Dichloroethene	ug/kg	2500	2350	94	77-126	
1,2,4-Trichlorobenzene	ug/kg	2500	2400	96	66-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2320	93	54-129	
1,2-Dibromoethane (EDB)	ug/kg	2500	2330	93	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2420	97	70-130	
1,2-Dichloroethane	ug/kg	2500	2390	96	70-134	
1,2-Dichloropropane	ug/kg	2500	2460	98	74-124	
1,3-Dichlorobenzene	ug/kg	2500	2360	94	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2260	90	70-130	
Benzene	ug/kg	2500	2390	96	70-130	
Bromodichloromethane	ug/kg	2500	2590	104	70-130	
Bromoform	ug/kg	2500	2180	87	47-115	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

LABORATORY CONTROL SAMPLE: 1986046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2010	81	64-165	
Carbon tetrachloride	ug/kg	2500	2590	104	70-131	
Chlorobenzene	ug/kg	2500	2390	96	70-130	
Chloroethane	ug/kg	2500	2220	89	28-197	
Chloroform	ug/kg	2500	2330	93	80-131	
Chloromethane	ug/kg	2500	2030	81	45-118	
cis-1,2-Dichloroethene	ug/kg	2500	2390	96	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2280	91	70-130	
Dibromochloromethane	ug/kg	2500	2230	89	70-130	
Dichlorodifluoromethane	ug/kg	2500	1860	74	38-108	
Ethylbenzene	ug/kg	2500	2490	99	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2570	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2420	97	70-130	
Methylene Chloride	ug/kg	2500	2380	95	70-130	
Styrene	ug/kg	2500	2330	93	70-130	
Tetrachloroethene	ug/kg	2500	2430	97	70-130	
Toluene	ug/kg	2500	2450	98	80-121	
trans-1,2-Dichloroethene	ug/kg	2500	2520	101	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2240	89	70-130	
Trichloroethene	ug/kg	2500	2520	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2400	96	81-141	
Vinyl chloride	ug/kg	2500	2160	86	68-121	
Xylene (Total)	ug/kg	7500	7630	102	70-130	
4-Bromofluorobenzene (S)	%			102	54-126	
Dibromofluoromethane (S)	%			106	57-146	
Toluene-d8 (S)	%			105	64-134	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1986047 1986048

Parameter	Units	40199438009 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/kg	<25.0	1480	1480	1350	1410	91	95	64-132	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1480	1480	1560	1540	105	104	70-132	1	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1480	1480	1490	1470	101	100	70-130	1	20	
1,1-Dichloroethane	ug/kg	<25.0	1480	1480	1470	1490	99	100	70-130	1	20	
1,1-Dichloroethene	ug/kg	<25.0	1480	1480	1270	1260	85	85	65-126	0	21	
1,2,4-Trichlorobenzene	ug/kg	<41.7	1480	1480	1620	1540	109	104	66-139	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	<237	1480	1480	1280	1430	86	97	47-146	11	23	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1480	1480	1410	1410	95	95	70-130	0	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1480	1480	1510	1550	102	105	70-130	3	20	
1,2-Dichloroethane	ug/kg	<25.0	1480	1480	1420	1440	96	97	70-136	2	20	
1,2-Dichloropropane	ug/kg	<25.0	1480	1480	1430	1480	97	100	74-124	4	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1480	1480	1430	1470	96	99	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1480	1480	1370	1430	93	96	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1986047 1986048

Parameter	Units	40199438009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1480	1480	1390	1430	94	96	70-130	3	20	
Bromodichloromethane	ug/kg	<25.0	1480	1480	1500	1510	101	102	70-130	1	20	
Bromoform	ug/kg	<25.0	1480	1480	1420	1380	96	93	47-129	3	20	
Bromomethane	ug/kg	<63.8	1480	1480	1120	1200	75	81	41-180	7	20	
Carbon tetrachloride	ug/kg	<25.0	1480	1480	1420	1450	96	98	58-133	2	20	
Chlorobenzene	ug/kg	<25.0	1480	1480	1440	1490	97	100	70-130	3	20	
Chloroethane	ug/kg	<46.4	1480	1480	1180	1240	80	84	28-197	5	20	
Chloroform	ug/kg	<47.5	1480	1480	1380	1410	93	95	80-131	3	20	
Chloromethane	ug/kg	<25.0	1480	1480	963	1000	65	68	26-118	4	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1480	1480	1390	1440	94	97	70-130	3	20	
cis-1,3-Dichloropropene	ug/kg	<42.3	1480	1480	1370	1420	93	96	70-130	3	20	
Dibromochloromethane	ug/kg	<229	1480	1480	1360	1400	92	94	67-130	3	20	
Dichlorodifluoromethane	ug/kg	<25.0	1480	1480	912	900	62	61	12-108	1	29	
Ethylbenzene	ug/kg	<25.0	1480	1480	1390	1450	94	98	80-122	4	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1480	1480	1450	1480	98	100	70-130	2	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1480	1480	1420	1450	96	98	70-130	2	20	
Methylene Chloride	ug/kg	<26.3	1480	1480	1400	1440	95	97	70-130	3	20	
Styrene	ug/kg	<25.0	1480	1480	1390	1400	94	95	70-130	1	20	
Tetrachloroethene	ug/kg	<38.7	1480	1480	1370	1440	93	97	70-130	5	20	
Toluene	ug/kg	<25.0	1480	1480	1430	1490	97	100	80-121	4	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1480	1480	1450	1460	98	98	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1480	1480	1360	1410	92	95	70-130	4	20	
Trichloroethene	ug/kg	<25.0	1480	1480	1440	1470	97	99	70-130	2	20	
Trichlorofluoromethane	ug/kg	<25.0	1480	1480	1270	1170	85	79	60-141	8	26	
Vinyl chloride	ug/kg	<25.0	1480	1480	1070	1070	72	72	46-121	0	20	
Xylene (Total)	ug/kg	<75.0	4450	4450	4400	4500	99	101	70-130	2	20	
4-Bromofluorobenzene (S)	%						94	97	54-126			
Dibromofluoromethane (S)	%						97	99	57-146			
Toluene-d8 (S)	%						96	100	64-134			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

QC Batch: 341309
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40199438016

SAMPLE DUPLICATE: 1981677

Parameter	Units	40199438016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.3	21.8	2	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

QC Batch: 341470
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40199438001

SAMPLE DUPLICATE: 1982889

Parameter	Units	40199438001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.9	12.8	1	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

QC Batch: 341762 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40199438002, 40199438003, 40199438004, 40199438005, 40199438006, 40199438007, 40199438008

SAMPLE DUPLICATE: 1985310

Parameter	Units	40199438002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.0	14.2	1	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199438

QC Batch: 341768 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40199438009, 40199438010, 40199438011, 40199438012, 40199438013, 40199438014, 40199438015

SAMPLE DUPLICATE: 1985329

Parameter	Units	40199438009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.6	15.6	0	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: SHOREWOOD
Pace Project No.: 40199438

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	Analyte recovery in the continuing calibration verification (CCV) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
2q	Results are from sample aliquot taken from a jar with head space and preserved with MeOH in the laboratory.
W	Non-detect results are reported on a wet weight basis.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SHOREWOOD
Pace Project No.: 40199438

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40199438001	**EX-9 FLOOR 8.5'**	EPA 5035/5030B	341926	EPA 8260	341931
40199438002	**EX-10 FLOOR 8.5'**	EPA 5035/5030B	341905	EPA 8260	341908
40199438003	**EX-11 WALL 2'**	EPA 5035/5030B	341926	EPA 8260	341931
40199438004	**EX-12 FLOOR 5'**	EPA 5035/5030B	341926	EPA 8260	341931
40199438005	**EX-13 WALL 3'**	EPA 5035/5030B	341926	EPA 8260	341931
40199438006	**EX-14 FLOOR 10'**	EPA 5035/5030B	341926	EPA 8260	341931
40199438007	**EX-15 FLOOR 13'**	EPA 5035/5030B	341926	EPA 8260	341931
40199438008	**EX-16 SOUTHWALL 10'**	EPA 5035/5030B	341926	EPA 8260	341931
40199438009	**EX-17 FLOOR 16'**	EPA 5035/5030B	341955	EPA 8260	341958
40199438010	**EX-18 FLOOR 3'**	EPA 5035/5030B	341955	EPA 8260	341958
40199438011	**EX-19 WALL 0-1'**	EPA 5035/5030B	341955	EPA 8260	341958
40199438012	**EX-20 FLOOR 2'**	EPA 5035/5030B	341955	EPA 8260	341958
40199438013	**EX-21 FLOOR 3'**	EPA 5035/5030B	341955	EPA 8260	341958
40199438014	**EX-22 FLOOR 5.5'**	EPA 5035/5030B	341955	EPA 8260	341958
40199438015	**EX-23 FLOOR 5'**	EPA 5035/5030B	341955	EPA 8260	341958
40199438016	**EX-24 WALL 0-1'**	EPA 5035/5030B	341955	EPA 8260	341958
40199438017	**MEOH BLANK**	EPA 5035/5030B	341955	EPA 8260	341958
40199438001	**EX-9 FLOOR 8.5'**	ASTM D2974-87	341470		
40199438002	**EX-10 FLOOR 8.5'**	ASTM D2974-87	341762		
40199438003	**EX-11 WALL 2'**	ASTM D2974-87	341762		
40199438004	**EX-12 FLOOR 5'**	ASTM D2974-87	341762		
40199438005	**EX-13 WALL 3'**	ASTM D2974-87	341762		
40199438006	**EX-14 FLOOR 10'**	ASTM D2974-87	341762		
40199438007	**EX-15 FLOOR 13'**	ASTM D2974-87	341762		
40199438008	**EX-16 SOUTHWALL 10'**	ASTM D2974-87	341762		
40199438009	**EX-17 FLOOR 16'**	ASTM D2974-87	341768		
40199438010	**EX-18 FLOOR 3'**	ASTM D2974-87	341768		
40199438011	**EX-19 WALL 0-1'**	ASTM D2974-87	341768		
40199438012	**EX-20 FLOOR 2'**	ASTM D2974-87	341768		
40199438013	**EX-21 FLOOR 3'**	ASTM D2974-87	341768		
40199438014	**EX-22 FLOOR 5.5'**	ASTM D2974-87	341768		
40199438015	**EX-23 FLOOR 5'**	ASTM D2974-87	341768		
40199438016	**EX-24 WALL 0-1'**	ASTM D2974-87	341309		

Pace Analytical®
www.pacelabs.com

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

CHAIN OF CUSTODY

4019943B

(Please Print Clearly)	
Company Name:	SAND CREEK
Branch/Location:	PLYMOUTH
Project Contact:	KEN EBBOTT
Phone:	920 918 9024
Project Number:	SHOREWOOD
Project Name:	SHOREWOOD
Project State:	WI
Sampled By (Print):	Ken Ebbott
Sampled By (Sign):	Ken Ebbott
PO #:	Regulatory Program:

Quote #:	DERF PRICING SOIL #52
Mail To Contact:	Ken Ebbott
Mail To Company:	SAND CREEK
Mail To Address:	W5877 Pheasant Lane Plymouth WI 53073
Invoice To Contact:	Tom Schafer
Invoice To Company:	4300 OAK LLC
Invoice To Address:	c/o SAND CREEK Ken Ebbott
Invoice To Phone:	

*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

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 VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	EX-9 Floor 8.5'	11-15-19	9:00	S			X			
002	EX-10 FLOOR 8.5'		10:30				X			
003	EX-11 WALL 2'		12:15				X	SAND FILL		
004	EX-12 FLOOR 5'	"	12:00				X			
005	EX-13 ~~FLOOR~~ WALL 3'	"	12:30				X	WALL 3' UNDER 2" PIPE		
006	EX-14 FLOOR 10'		12:45				X			
007	EX-15 FLOOR 13'	"	14:30				X			
008	EX-16 SOUTH WALL 10'	11-18-19	9:30				X			
009	EX-17 FLOOR 16'		9:45				X			
010	EX-18 FLOOR 3'		10:45				X			
011	EX-19 WALL 0-1'		10:50				X			
012	EX-20 FLOOR 2'		11:15				X			
013	EX-21 FLOOR 3'		12:00				X			

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

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

Email #1:	Ken.Ebbott@Sand-Creek.com
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11-19-19 13:00		11/19/19 1300
	11/19/19 1430		11/19/19 1430

PACE Project No.: 40199438

Receipt Temp = 3.6 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

ORIGINAL

Pace Analytical®
www.pacelabs.com

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

CHAIN OF CUSTODY

401994 38

(Please Print Clearly)	
Company Name:	SAND CREEK
Branch/Location:	PLYMOUTH
Project Contact:	Ken Eliott
Phone:	920 918 9024
Project Number:	Shorewood
Project Name:	SHOREWOOD
Project State:	WI
Sampled By (Print):	Ken Eliott
Sampled By (Sign):	Ken Eliott
PO #:	Regulatory Program:

Quote #:	DERF PRICING SOIL 452
Mail To Contact:	Ken Eliott
Mail To Company:	SAND CREEK
Mail To Address:	SAME AS PG 1
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

Matrix Codes

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

***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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
614	EX-22 FLOOR 5.5'	11-18-19	13:15				X			
615	EX-23 FLOOR 5'		13:30				X			
616	EX-24 WALL 0-1'		13:40				X			
617	MeOH BLANK	5-31-19					X			

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:
	11-19-19 1320		11/19/19 1300
	11/19/19 1430		11/19/19 1430

PACE Project No.: 40199438

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

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

Sample Preservation Receipt Form

Client Name: Sand Creek Project # 40199438

All containers needing preservation have been checked and noted below: □Yes □No ☑N/A Initial when completed: Date/ Time:

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

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																						11/19/15	8										2.5 / 5 / 10
020																																	2.5 / 5 / 10

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

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical 1241 Bellevue Street, Green Bay, WI 54302	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: 25Apr2018
	Document No.: **F-GB-C-031-Rev.07**	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40199438

40199438

Client Name: Jund Creek

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

Tracking #: _____

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

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

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2.1 /Corr: —

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

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 11/12/19
Initials: PG

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. No time 001-009, Client wrote info on
-Includes date/time/ID/Analysis Matrix: S		cover of WPFU. No label. 11/13/19 KS
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): B904801VB		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Client date on VOA 9M blanks 5-31-19 11/19/19 PG

Project Manager Review: HMR for DM **Date:** 11/19/19

ATTACHMENT B

GROUNDWATER CHEMISTRY LABORATORY ANALYTICAL REPORTS

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

December 03, 2019

Ken Ebbott
SAND CREEK CONSULTANTS
W58577 Pheasant Lane
Plymouth, WI 53073

RE: Project: SHOREWOOD
Pace Project No.: 40199206

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on November 14, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

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

Enclosures

cc: Hollie DePuydt, SAND CREEK CONSULTANTS, INC.

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

CERTIFICATIONS

Project: SHOREWOOD
Pace Project No.: 40199206

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: SHOREWOOD
Pace Project No.: 40199206

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40199206001	**MW-1**	Water	11/11/19 15:45	11/14/19 13:00
40199206002	**MW-2**	Water	11/11/19 16:15	11/14/19 13:00
40199206003	**MW-3**	Water	11/11/19 16:30	11/14/19 13:00
40199206004	**MW-4**	Water	11/12/19 16:00	11/14/19 13:00
40199206005	**MW-5**	Water	11/12/19 16:30	11/14/19 13:00
40199206006	**MW-6**	Water	11/11/19 16:00	11/14/19 13:00
40199206007	**MW-7**	Water	11/12/19 16:15	11/14/19 13:00
40199206008	**MW-8**	Water	11/12/19 15:45	11/14/19 13:00
40199206009	**TRIP BLANK**	Water	11/12/19 00:00	11/14/19 13:00
40199206010	**MW-9**	Water	11/13/19 12:00	11/14/19 13:00

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

SAMPLE ANALYTE COUNT

Project: SHOREWOOD
Pace Project No.: 40199206

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40199206001	**MW-1**	EPA 8015B Modified	ALD	3
		EPA 6010	TXW	2
		EPA 8260	HNW	63
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1
40199206002	**MW-2**	EPA 8015B Modified	ALD	3
		EPA 6010	TXW	2
		EPA 8260	HNW	63
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1
40199206003	**MW-3**	EPA 8015B Modified	ALD	3
		EPA 6010	TXW	2
		EPA 8260	HNW	63
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1
40199206004	**MW-4**	EPA 8015B Modified	ALD	3
		EPA 6010	TXW	2
		EPA 8260	HNW	63
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1
40199206005	**MW-5**	EPA 8015B Modified	ALD	3
		EPA 6010	TXW	2
		EPA 8260	HNW	63
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1
40199206006	**MW-6**	EPA 8015B Modified	ALD	3
		EPA 6010	TXW	2
		EPA 8260	HNW	63
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1
40199206007	**MW-7**	EPA 8015B Modified	ALD	3
		EPA 6010	TXW	2
		EPA 8260	HNW	63
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1
40199206008	**MW-8**	EPA 8015B Modified	ALD	3
		EPA 6010	TXW	2

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: SHOREWOOD
Pace Project No.: 40199206

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8260	HNW	63
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1
40199206009	**TRIP BLANK**	EPA 8260	HNW	63
40199206010	**MW-9**	EPA 8015B Modified	ALD	3
		EPA 6010	TXW	2
		EPA 8260	HNW	63
		EPA 300.0	HMB	1
		SM 5310C	TJJ	1

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

SUMMARY OF DETECTION

Project: SHOREWOOD
Pace Project No.: 40199206

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40199206001	**MW-1**					
EPA 6010	Manganese, Dissolved	24.8	ug/L	5.0	11/19/19 13:37	
EPA 8260	Tetrachloroethene	0.44J	ug/L	1.1	11/18/19 21:16	
EPA 300.0	Sulfate	55.4	mg/L	10.0	11/27/19 14:18	
SM 5310C	Total Organic Carbon	0.30J	mg/L	0.50	11/22/19 06:23	
40199206002	**MW-2**					
EPA 6010	Manganese, Dissolved	27.9	ug/L	5.0	11/19/19 13:40	
EPA 300.0	Sulfate	93.2	mg/L	10.0	11/26/19 23:54	
SM 5310C	Total Organic Carbon	0.67	mg/L	0.50	11/22/19 06:44	
40199206003	**MW-3**					
EPA 6010	Manganese, Dissolved	11.5	ug/L	5.0	11/19/19 13:42	
EPA 8260	Tetrachloroethene	39.8	ug/L	1.1	11/18/19 22:00	
EPA 8260	Trichloroethene	0.28J	ug/L	1.0	11/18/19 22:00	
EPA 8260	cis-1,2-Dichloroethene	0.50J	ug/L	1.0	11/18/19 22:00	
EPA 300.0	Sulfate	81.9	mg/L	10.0	11/27/19 00:08	
SM 5310C	Total Organic Carbon	1.8	mg/L	0.50	11/22/19 07:05	
40199206004	**MW-4**					
EPA 6010	Manganese, Dissolved	101	ug/L	5.0	11/19/19 13:44	
EPA 300.0	Sulfate	275	mg/L	40.0	11/27/19 16:27	
SM 5310C	Total Organic Carbon	0.79	mg/L	0.50	12/02/19 07:35	M0
40199206005	**MW-5**					
EPA 8015B Modified	Methane	9.6	ug/L	2.8	11/21/19 10:26	
EPA 6010	Manganese, Dissolved	46.0	ug/L	5.0	11/19/19 13:47	
EPA 8260	1,1,2-Trichloroethane	0.60J	ug/L	5.0	11/18/19 22:45	
EPA 8260	1,1-Dichloroethane	0.46J	ug/L	1.0	11/18/19 22:45	
EPA 8260	Tetrachloroethene	675	ug/L	10.9	11/19/19 08:03	
EPA 8260	Trichloroethene	39.5	ug/L	1.0	11/18/19 22:45	
EPA 8260	cis-1,2-Dichloroethene	64.8	ug/L	1.0	11/18/19 22:45	
EPA 8260	trans-1,2-Dichloroethene	2.1J	ug/L	3.6	11/18/19 22:45	
EPA 300.0	Sulfate	108	mg/L	10.0	11/27/19 01:20	
SM 5310C	Total Organic Carbon	0.61	mg/L	0.50	11/22/19 07:47	
40199206006	**MW-6**					
EPA 6010	Manganese, Dissolved	20.6	ug/L	5.0	11/19/19 13:49	
EPA 300.0	Sulfate	80.7	mg/L	10.0	11/27/19 01:34	
SM 5310C	Total Organic Carbon	27.7	mg/L	5.0	12/02/19 08:38	
40199206007	**MW-7**					
EPA 6010	Manganese, Dissolved	1.8J	ug/L	5.0	11/19/19 13:56	
EPA 300.0	Sulfate	94.0	mg/L	10.0	12/02/19 11:54	
SM 5310C	Total Organic Carbon	0.36J	mg/L	0.50	11/22/19 08:29	
40199206008	**MW-8**					
EPA 8015B Modified	Methane	205	ug/L	5.6	11/21/19 12:39	
EPA 6010	Iron, Dissolved	579	ug/L	100	11/19/19 13:59	
EPA 6010	Manganese, Dissolved	94.5	ug/L	5.0	11/19/19 13:59	
EPA 8260	Benzene	0.94J	ug/L	1.0	11/15/19 14:36	

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SUMMARY OF DETECTION

Project: SHOREWOOD
Pace Project No.: 40199206

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40199206008	**MW-8**					
EPA 8260	Ethylbenzene	0.64J	ug/L	1.0	11/15/19 14:36	
EPA 8260	Naphthalene	1.6J	ug/L	5.0	11/15/19 14:36	
EPA 300.0	Sulfate	26.5	mg/L	10.0	12/02/19 12:08	
SM 5310C	Total Organic Carbon	7.1	mg/L	3.0	11/22/19 08:49	
40199206010	**MW-9**					
EPA 8015B Modified	Methane	1.4J	ug/L	2.8	11/21/19 11:06	HS
EPA 6010	Iron, Dissolved	35.1J	ug/L	100	11/19/19 14:01	
EPA 6010	Manganese, Dissolved	96.6	ug/L	5.0	11/19/19 14:01	
EPA 8260	Tetrachloroethene	4.8	ug/L	1.1	11/15/19 14:58	
EPA 8260	Toluene	0.24J	ug/L	5.0	11/15/19 14:58	
EPA 8260	Trichloroethene	1.2	ug/L	1.0	11/15/19 14:58	
EPA 8260	cis-1,2-Dichloroethene	32.9	ug/L	1.0	11/15/19 14:58	
EPA 8260	trans-1,2-Dichloroethene	4.0	ug/L	3.6	11/15/19 14:58	
EPA 300.0	Sulfate	65.0	mg/L	10.0	12/02/19 12:23	
SM 5310C	Total Organic Carbon	10.8	mg/L	3.0	12/02/19 11:01	

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ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-1 **Lab ID: 40199206001** Collected: 11/11/19 15:45 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<1.2**	ug/L	5.6	1.2	1		11/21/19 09:59	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/21/19 09:59	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		11/21/19 09:59	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		11/19/19 13:37	7439-89-6	
Manganese, Dissolved	**24.8**	ug/L	5.0	1.1	1		11/19/19 13:37	7439-96-5	
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/18/19 21:16	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/18/19 21:16	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 21:16	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/18/19 21:16	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/18/19 21:16	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/18/19 21:16	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/18/19 21:16	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		11/18/19 21:16	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/18/19 21:16	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/18/19 21:16	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/18/19 21:16	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/18/19 21:16	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/18/19 21:16	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 21:16	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 21:16	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 21:16	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/18/19 21:16	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/18/19 21:16	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/18/19 21:16	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/18/19 21:16	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/18/19 21:16	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/18/19 21:16	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/18/19 21:16	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/18/19 21:16	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/18/19 21:16	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/18/19 21:16	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/18/19 21:16	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/18/19 21:16	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/18/19 21:16	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		11/18/19 21:16	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 21:16	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/18/19 21:16	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/18/19 21:16	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/18/19 21:16	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/18/19 21:16	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/18/19 21:16	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/18/19 21:16	75-71-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-1 **Lab ID: 40199206001** Collected: 11/11/19 15:45 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/18/19 21:16	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		11/18/19 21:16	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		11/18/19 21:16	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		11/18/19 21:16	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/18/19 21:16	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/18/19 21:16	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/18/19 21:16	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		11/18/19 21:16	100-42-5	
Tetrachloroethene	**0.44J**	ug/L	1.1	0.33	1		11/18/19 21:16	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		11/18/19 21:16	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/18/19 21:16	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/18/19 21:16	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/18/19 21:16	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		11/18/19 21:16	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/18/19 21:16	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/18/19 21:16	10061-01-5	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 21:16	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/18/19 21:16	103-65-1	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/18/19 21:16	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/18/19 21:16	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/18/19 21:16	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		11/18/19 21:16	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/18/19 21:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		11/18/19 21:16	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		11/18/19 21:16	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/18/19 21:16	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
Sulfate	**55.4**	mg/L	10.0	2.2	5		11/27/19 14:18	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**0.30J**	mg/L	0.50	0.15	1		11/22/19 06:23	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-2 **Lab ID: 40199206002** Collected: 11/11/19 16:15 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<1.2**	ug/L	5.6	1.2	1		11/21/19 10:06	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/21/19 10:06	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		11/21/19 10:06	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		11/19/19 13:40	7439-89-6	
Manganese, Dissolved	**27.9**	ug/L	5.0	1.1	1		11/19/19 13:40	7439-96-5	
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/18/19 21:38	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/18/19 21:38	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 21:38	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/18/19 21:38	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/18/19 21:38	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/18/19 21:38	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/18/19 21:38	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		11/18/19 21:38	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/18/19 21:38	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/18/19 21:38	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/18/19 21:38	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/18/19 21:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/18/19 21:38	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 21:38	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 21:38	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 21:38	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/18/19 21:38	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/18/19 21:38	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/18/19 21:38	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/18/19 21:38	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/18/19 21:38	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/18/19 21:38	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/18/19 21:38	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/18/19 21:38	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/18/19 21:38	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/18/19 21:38	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/18/19 21:38	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/18/19 21:38	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/18/19 21:38	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		11/18/19 21:38	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 21:38	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/18/19 21:38	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/18/19 21:38	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/18/19 21:38	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/18/19 21:38	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/18/19 21:38	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/18/19 21:38	75-71-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-2 **Lab ID: 40199206002** Collected: 11/11/19 16:15 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/18/19 21:38	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		11/18/19 21:38	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		11/18/19 21:38	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		11/18/19 21:38	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/18/19 21:38	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/18/19 21:38	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/18/19 21:38	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		11/18/19 21:38	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/18/19 21:38	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		11/18/19 21:38	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/18/19 21:38	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/18/19 21:38	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/18/19 21:38	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		11/18/19 21:38	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/18/19 21:38	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/18/19 21:38	10061-01-5	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 21:38	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/18/19 21:38	103-65-1	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/18/19 21:38	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/18/19 21:38	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/18/19 21:38	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		11/18/19 21:38	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/18/19 21:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		11/18/19 21:38	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		11/18/19 21:38	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/18/19 21:38	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
Sulfate	**93.2**	mg/L	10.0	2.2	5		11/26/19 23:54	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**0.67**	mg/L	0.50	0.15	1		11/22/19 06:44	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-3 **Lab ID: 40199206003** Collected: 11/11/19 16:30 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<1.2**	ug/L	5.6	1.2	1		11/21/19 10:13	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/21/19 10:13	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		11/21/19 10:13	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		11/19/19 13:42	7439-89-6	
Manganese, Dissolved	**11.5**	ug/L	5.0	1.1	1		11/19/19 13:42	7439-96-5	
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/18/19 22:00	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/18/19 22:00	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 22:00	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/18/19 22:00	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/18/19 22:00	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/18/19 22:00	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/18/19 22:00	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		11/18/19 22:00	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/18/19 22:00	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/18/19 22:00	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/18/19 22:00	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/18/19 22:00	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/18/19 22:00	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 22:00	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 22:00	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 22:00	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/18/19 22:00	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/18/19 22:00	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/18/19 22:00	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/18/19 22:00	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/18/19 22:00	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/18/19 22:00	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/18/19 22:00	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/18/19 22:00	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/18/19 22:00	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/18/19 22:00	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/18/19 22:00	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/18/19 22:00	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/18/19 22:00	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		11/18/19 22:00	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 22:00	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/18/19 22:00	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/18/19 22:00	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/18/19 22:00	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/18/19 22:00	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/18/19 22:00	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/18/19 22:00	75-71-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-3 **Lab ID: 40199206003** Collected: 11/11/19 16:30 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/18/19 22:00	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		11/18/19 22:00	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		11/18/19 22:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		11/18/19 22:00	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/18/19 22:00	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/18/19 22:00	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/18/19 22:00	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		11/18/19 22:00	100-42-5	
Tetrachloroethene	**39.8**	ug/L	1.1	0.33	1		11/18/19 22:00	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		11/18/19 22:00	108-88-3	
Trichloroethene	**0.28J**	ug/L	1.0	0.26	1		11/18/19 22:00	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/18/19 22:00	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/18/19 22:00	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		11/18/19 22:00	1330-20-7	
cis-1,2-Dichloroethene	**0.50J**	ug/L	1.0	0.27	1		11/18/19 22:00	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/18/19 22:00	10061-01-5	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 22:00	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/18/19 22:00	103-65-1	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/18/19 22:00	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/18/19 22:00	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/18/19 22:00	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		11/18/19 22:00	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/18/19 22:00	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		11/18/19 22:00	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		11/18/19 22:00	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/18/19 22:00	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
Sulfate	**81.9**	mg/L	10.0	2.2	5		11/27/19 00:08	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**1.8**	mg/L	0.50	0.15	1		11/22/19 07:05	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-4 **Lab ID: 40199206004** Collected: 11/12/19 16:00 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<1.2**	ug/L	5.6	1.2	1		11/21/19 10:19	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/21/19 10:19	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		11/21/19 10:19	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		11/19/19 13:44	7439-89-6	
Manganese, Dissolved	**101**	ug/L	5.0	1.1	1		11/19/19 13:44	7439-96-5	
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/18/19 22:23	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/18/19 22:23	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 22:23	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/18/19 22:23	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/18/19 22:23	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/18/19 22:23	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/18/19 22:23	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		11/18/19 22:23	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/18/19 22:23	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/18/19 22:23	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/18/19 22:23	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/18/19 22:23	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/18/19 22:23	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 22:23	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 22:23	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 22:23	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/18/19 22:23	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/18/19 22:23	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/18/19 22:23	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/18/19 22:23	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/18/19 22:23	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/18/19 22:23	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/18/19 22:23	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/18/19 22:23	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/18/19 22:23	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/18/19 22:23	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/18/19 22:23	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/18/19 22:23	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/18/19 22:23	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		11/18/19 22:23	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 22:23	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/18/19 22:23	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/18/19 22:23	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/18/19 22:23	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/18/19 22:23	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/18/19 22:23	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/18/19 22:23	75-71-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-4 **Lab ID: 40199206004** Collected: 11/12/19 16:00 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/18/19 22:23	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		11/18/19 22:23	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		11/18/19 22:23	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		11/18/19 22:23	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/18/19 22:23	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/18/19 22:23	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/18/19 22:23	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		11/18/19 22:23	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/18/19 22:23	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		11/18/19 22:23	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/18/19 22:23	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/18/19 22:23	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/18/19 22:23	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		11/18/19 22:23	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/18/19 22:23	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/18/19 22:23	10061-01-5	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 22:23	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/18/19 22:23	103-65-1	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/18/19 22:23	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/18/19 22:23	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/18/19 22:23	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		11/18/19 22:23	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/18/19 22:23	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		11/18/19 22:23	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		11/18/19 22:23	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/18/19 22:23	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
Sulfate	**275**	mg/L	40.0	8.9	20		11/27/19 16:27	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**0.79**	mg/L	0.50	0.15	1		12/02/19 07:35	7440-44-0	M0

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-5 **Lab ID: 40199206005** Collected: 11/12/19 16:30 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<1.2**	ug/L	5.6	1.2	1		11/21/19 10:26	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/21/19 10:26	74-85-1	
Methane	**9.6**	ug/L	2.8	0.66	1		11/21/19 10:26	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		11/19/19 13:47	7439-89-6	
Manganese, Dissolved	**46.0**	ug/L	5.0	1.1	1		11/19/19 13:47	7439-96-5	
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/18/19 22:45	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/18/19 22:45	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 22:45	79-34-5	
1,1,2-Trichloroethane	**0.60J**	ug/L	5.0	0.55	1		11/18/19 22:45	79-00-5	
1,1-Dichloroethane	**0.46J**	ug/L	1.0	0.27	1		11/18/19 22:45	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/18/19 22:45	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/18/19 22:45	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		11/18/19 22:45	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/18/19 22:45	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/18/19 22:45	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/18/19 22:45	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/18/19 22:45	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/18/19 22:45	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 22:45	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 22:45	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/18/19 22:45	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/18/19 22:45	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/18/19 22:45	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/18/19 22:45	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/18/19 22:45	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/18/19 22:45	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/18/19 22:45	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/18/19 22:45	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/18/19 22:45	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/18/19 22:45	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/18/19 22:45	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/18/19 22:45	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/18/19 22:45	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/18/19 22:45	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		11/18/19 22:45	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 22:45	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/18/19 22:45	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/18/19 22:45	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/18/19 22:45	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/18/19 22:45	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/18/19 22:45	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/18/19 22:45	75-71-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-5 **Lab ID: 40199206005** Collected: 11/12/19 16:30 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/18/19 22:45	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		11/18/19 22:45	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		11/18/19 22:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		11/18/19 22:45	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/18/19 22:45	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/18/19 22:45	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/18/19 22:45	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		11/18/19 22:45	100-42-5	
Tetrachloroethene	**675**	ug/L	10.9	3.3	10		11/19/19 08:03	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		11/18/19 22:45	108-88-3	
Trichloroethene	**39.5**	ug/L	1.0	0.26	1		11/18/19 22:45	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/18/19 22:45	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/18/19 22:45	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		11/18/19 22:45	1330-20-7	
cis-1,2-Dichloroethene	**64.8**	ug/L	1.0	0.27	1		11/18/19 22:45	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/18/19 22:45	10061-01-5	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/18/19 22:45	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/18/19 22:45	103-65-1	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/18/19 22:45	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/18/19 22:45	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/18/19 22:45	98-06-6	
trans-1,2-Dichloroethene	**2.1J**	ug/L	3.6	1.1	1		11/18/19 22:45	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/18/19 22:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		11/18/19 22:45	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		11/18/19 22:45	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/18/19 22:45	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
Sulfate	**108**	mg/L	10.0	2.2	5		11/27/19 01:20	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**0.61**	mg/L	0.50	0.15	1		11/22/19 07:47	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-6 **Lab ID: 40199206006** Collected: 11/11/19 16:00 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<1.2**	ug/L	5.6	1.2	1		11/21/19 10:33	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/21/19 10:33	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		11/21/19 10:33	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		11/19/19 13:49	7439-89-6	
Manganese, Dissolved	**20.6**	ug/L	5.0	1.1	1		11/19/19 13:49	7439-96-5	
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/19/19 07:18	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/19/19 07:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/19 07:18	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/19/19 07:18	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/19/19 07:18	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/19/19 07:18	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/19 07:18	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		11/19/19 07:18	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/19 07:18	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/19 07:18	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/19 07:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/19 07:18	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/19/19 07:18	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/19 07:18	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/19 07:18	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/19 07:18	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/19/19 07:18	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/19 07:18	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/19 07:18	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/19/19 07:18	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/19 07:18	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/19 07:18	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/19 07:18	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/19 07:18	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/19 07:18	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/19 07:18	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/19 07:18	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/19 07:18	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/19 07:18	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		11/19/19 07:18	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/19 07:18	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/19 07:18	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/19/19 07:18	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/19 07:18	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/19/19 07:18	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/19 07:18	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/19 07:18	75-71-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-6 **Lab ID: 40199206006** Collected: 11/11/19 16:00 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/19 07:18	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		11/19/19 07:18	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		11/19/19 07:18	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		11/19/19 07:18	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/19 07:18	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/19 07:18	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/19/19 07:18	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		11/19/19 07:18	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/19/19 07:18	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		11/19/19 07:18	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/19/19 07:18	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/19/19 07:18	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/19/19 07:18	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		11/19/19 07:18	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/19/19 07:18	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/19 07:18	10061-01-5	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/19 07:18	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/19 07:18	103-65-1	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/19 07:18	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/19/19 07:18	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/19 07:18	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		11/19/19 07:18	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/19 07:18	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		11/19/19 07:18	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		11/19/19 07:18	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/19/19 07:18	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
Sulfate	**80.7**	mg/L	10.0	2.2	5		11/27/19 01:34	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**27.7**	mg/L	5.0	1.5	10		12/02/19 08:38	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-7 **Lab ID: 40199206007** Collected: 11/12/19 16:15 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<1.2**	ug/L	5.6	1.2	1		11/21/19 10:52	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/21/19 10:52	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		11/21/19 10:52	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		11/19/19 13:56	7439-89-6	
Manganese, Dissolved	**1.8J**	ug/L	5.0	1.1	1		11/19/19 13:56	7439-96-5	
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/19/19 07:40	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/19/19 07:40	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/19 07:40	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/19/19 07:40	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/19/19 07:40	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/19/19 07:40	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/19 07:40	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		11/19/19 07:40	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/19 07:40	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/19 07:40	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/19 07:40	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/19 07:40	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/19/19 07:40	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/19 07:40	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/19 07:40	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/19 07:40	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/19/19 07:40	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/19 07:40	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/19 07:40	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/19/19 07:40	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/19 07:40	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/19 07:40	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/19 07:40	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/19 07:40	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/19 07:40	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/19 07:40	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/19 07:40	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/19 07:40	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/19 07:40	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		11/19/19 07:40	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/19 07:40	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/19 07:40	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/19/19 07:40	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/19 07:40	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/19/19 07:40	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/19 07:40	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/19 07:40	75-71-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-7 **Lab ID: 40199206007** Collected: 11/12/19 16:15 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/19 07:40	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		11/19/19 07:40	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		11/19/19 07:40	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		11/19/19 07:40	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/19 07:40	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/19 07:40	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/19/19 07:40	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		11/19/19 07:40	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/19/19 07:40	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		11/19/19 07:40	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/19/19 07:40	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/19/19 07:40	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/19/19 07:40	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		11/19/19 07:40	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/19/19 07:40	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/19 07:40	10061-01-5	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/19 07:40	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/19 07:40	103-65-1	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/19 07:40	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/19/19 07:40	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/19 07:40	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		11/19/19 07:40	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/19 07:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/19/19 07:40	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		11/19/19 07:40	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/19/19 07:40	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
Sulfate	**94.0**	mg/L	10.0	2.2	5		12/02/19 11:54	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**0.36J**	mg/L	0.50	0.15	1		11/22/19 08:29	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-8 **Lab ID: 40199206008** Collected: 11/12/19 15:45 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<1.2**	ug/L	5.6	1.2	1		11/21/19 10:59	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/21/19 10:59	74-85-1	
Methane	**205**	ug/L	5.6	1.3	2		11/21/19 12:39	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**579**	ug/L	100	29.6	1		11/19/19 13:59	7439-89-6	
Manganese, Dissolved	**94.5**	ug/L	5.0	1.1	1		11/19/19 13:59	7439-96-5	
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/15/19 14:36	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/15/19 14:36	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/15/19 14:36	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/15/19 14:36	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/15/19 14:36	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/15/19 14:36	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/15/19 14:36	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		11/15/19 14:36	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/15/19 14:36	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/15/19 14:36	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/15/19 14:36	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/15/19 14:36	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/15/19 14:36	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/15/19 14:36	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/15/19 14:36	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/15/19 14:36	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/15/19 14:36	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/15/19 14:36	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/15/19 14:36	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/15/19 14:36	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/15/19 14:36	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/15/19 14:36	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/15/19 14:36	106-43-4	
Benzene	**0.94J**	ug/L	1.0	0.25	1		11/15/19 14:36	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/15/19 14:36	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/15/19 14:36	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/15/19 14:36	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/15/19 14:36	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/15/19 14:36	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		11/15/19 14:36	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/15/19 14:36	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/15/19 14:36	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/15/19 14:36	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/15/19 14:36	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/15/19 14:36	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/15/19 14:36	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/15/19 14:36	75-71-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-8 **Lab ID: 40199206008** Collected: 11/12/19 15:45 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/15/19 14:36	108-20-3	
Ethylbenzene	**0.64J**	ug/L	1.0	0.22	1		11/15/19 14:36	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		11/15/19 14:36	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		11/15/19 14:36	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/15/19 14:36	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/15/19 14:36	75-09-2	
Naphthalene	**1.6J**	ug/L	5.0	1.2	1		11/15/19 14:36	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		11/15/19 14:36	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/15/19 14:36	127-18-4	
Toluene	**<0.17**	ug/L	5.0	0.17	1		11/15/19 14:36	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/15/19 14:36	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/15/19 14:36	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/15/19 14:36	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		11/15/19 14:36	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/15/19 14:36	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/15/19 14:36	10061-01-5	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/15/19 14:36	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/15/19 14:36	103-65-1	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/15/19 14:36	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/15/19 14:36	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/15/19 14:36	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		11/15/19 14:36	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/15/19 14:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		11/15/19 14:36	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		11/15/19 14:36	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/15/19 14:36	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
Sulfate	**26.5**	mg/L	10.0	2.2	5		12/02/19 12:08	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**7.1**	mg/L	3.0	0.89	6		11/22/19 08:49	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: TRIP BLANK **Lab ID: 40199206009** Collected: 11/12/19 00:00 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/15/19 11:58	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/15/19 11:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/15/19 11:58	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/15/19 11:58	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/15/19 11:58	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/15/19 11:58	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/15/19 11:58	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		11/15/19 11:58	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/15/19 11:58	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/15/19 11:58	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/15/19 11:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/15/19 11:58	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/15/19 11:58	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/15/19 11:58	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/15/19 11:58	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/15/19 11:58	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/15/19 11:58	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/15/19 11:58	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/15/19 11:58	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/15/19 11:58	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/15/19 11:58	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/15/19 11:58	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/15/19 11:58	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/15/19 11:58	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/15/19 11:58	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/15/19 11:58	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/15/19 11:58	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/15/19 11:58	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/15/19 11:58	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		11/15/19 11:58	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/15/19 11:58	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/15/19 11:58	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/15/19 11:58	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/15/19 11:58	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/15/19 11:58	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/15/19 11:58	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/15/19 11:58	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/15/19 11:58	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		11/15/19 11:58	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		11/15/19 11:58	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		11/15/19 11:58	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/15/19 11:58	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/15/19 11:58	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/15/19 11:58	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		11/15/19 11:58	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/15/19 11:58	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: TRIP BLANK **Lab ID: 40199206009** Collected: 11/12/19 00:00 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	**<0.17**	ug/L	5.0	0.17	1		11/15/19 11:58	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/15/19 11:58	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/15/19 11:58	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/15/19 11:58	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		11/15/19 11:58	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/15/19 11:58	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/15/19 11:58	10061-01-5	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/15/19 11:58	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/15/19 11:58	103-65-1	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/15/19 11:58	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/15/19 11:58	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/15/19 11:58	98-06-6	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		11/15/19 11:58	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/15/19 11:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		11/15/19 11:58	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		11/15/19 11:58	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/15/19 11:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-9 **Lab ID: 40199206010** Collected: 11/13/19 12:00 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<1.2**	ug/L	5.6	1.2	1		11/21/19 11:06	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/21/19 11:06	74-85-1	
Methane	**1.4J**	ug/L	2.8	0.66	1		11/21/19 11:06	74-82-8	HS
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**35.1J**	ug/L	100	29.6	1		11/19/19 14:01	7439-89-6	
Manganese, Dissolved	**96.6**	ug/L	5.0	1.1	1		11/19/19 14:01	7439-96-5	
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/15/19 14:58	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/15/19 14:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/15/19 14:58	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/15/19 14:58	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/15/19 14:58	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/15/19 14:58	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/15/19 14:58	563-58-6	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		11/15/19 14:58	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/15/19 14:58	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/15/19 14:58	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/15/19 14:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/15/19 14:58	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/15/19 14:58	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/15/19 14:58	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/15/19 14:58	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/15/19 14:58	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/15/19 14:58	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/15/19 14:58	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/15/19 14:58	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/15/19 14:58	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/15/19 14:58	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/15/19 14:58	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/15/19 14:58	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/15/19 14:58	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/15/19 14:58	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/15/19 14:58	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/15/19 14:58	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/15/19 14:58	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/15/19 14:58	74-83-9	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		11/15/19 14:58	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/15/19 14:58	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/15/19 14:58	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/15/19 14:58	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/15/19 14:58	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/15/19 14:58	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/15/19 14:58	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/15/19 14:58	75-71-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SHOREWOOD
Pace Project No.: 40199206

Sample: MW-9 **Lab ID: 40199206010** Collected: 11/13/19 12:00 Received: 11/14/19 13:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/15/19 14:58	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		11/15/19 14:58	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		11/15/19 14:58	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		11/15/19 14:58	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/15/19 14:58	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/15/19 14:58	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/15/19 14:58	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		11/15/19 14:58	100-42-5	
Tetrachloroethene	**4.8**	ug/L	1.1	0.33	1		11/15/19 14:58	127-18-4	
Toluene	**0.24J**	ug/L	5.0	0.17	1		11/15/19 14:58	108-88-3	
Trichloroethene	**1.2**	ug/L	1.0	0.26	1		11/15/19 14:58	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/15/19 14:58	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/15/19 14:58	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		11/15/19 14:58	1330-20-7	
cis-1,2-Dichloroethene	**32.9**	ug/L	1.0	0.27	1		11/15/19 14:58	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/15/19 14:58	10061-01-5	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/15/19 14:58	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/15/19 14:58	103-65-1	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/15/19 14:58	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/15/19 14:58	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/15/19 14:58	98-06-6	
trans-1,2-Dichloroethene	**4.0**	ug/L	3.6	1.1	1		11/15/19 14:58	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/15/19 14:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		11/15/19 14:58	460-00-4	HS
Dibromofluoromethane (S)	102	%	70-130		1		11/15/19 14:58	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/15/19 14:58	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
Sulfate	**65.0**	mg/L	10.0	2.2	5		12/02/19 12:23	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**10.8**	mg/L	3.0	0.89	6		12/02/19 11:01	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

QC Batch: 341427 Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 8015B Modified Analysis Description: Methane, Ethane, Ethene GCV
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206004, 40199206005, 40199206006, 40199206007, 40199206008, 40199206010

METHOD BLANK: 1982597 Matrix: Water
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206004, 40199206005, 40199206006, 40199206007, 40199206008, 40199206010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	11/21/19 08:55	
Ethene	ug/L	<1.2	5.0	11/21/19 08:55	
Methane	ug/L	<0.66	2.8	11/21/19 08:55	

LABORATORY CONTROL SAMPLE & LCSD: 1982598 1982599

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	53.4	53.7	100	100	80-120	1	20	
Ethene	ug/L	50	49.5	49.8	99	100	80-120	1	20	
Methane	ug/L	28.6	27.1	27.4	95	96	80-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1982975 1982976

Parameter	Units	40199206005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<1.2	53.6	53.6	52.1	53.8	97	100	80-120	3	20	
Ethene	ug/L	<1.2	50	50	48.6	50.2	97	100	80-120	3	20	
Methane	ug/L	9.6	28.6	28.6	31.6	32.7	77	81	77-122	3	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

QC Batch: 341189 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206004, 40199206005, 40199206006, 40199206007, 40199206008, 40199206010

METHOD BLANK: 1980991 Matrix: Water
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206004, 40199206005, 40199206006, 40199206007, 40199206008, 40199206010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	11/19/19 12:58	
Manganese, Dissolved	ug/L	<1.1	5.0	11/19/19 12:58	

LABORATORY CONTROL SAMPLE: 1980992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4910	98	80-120	
Manganese, Dissolved	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1980993 1980994

Parameter	Units	40199138006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	22400	5000	5000	26600	26900	84	90	75-125	1	20	
Manganese, Dissolved	ug/L	2840	500	500	3250	3260	80	82	75-125	0	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

QC Batch: 340825 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40199206008, 40199206009, 40199206010

METHOD BLANK: 1978992 Matrix: Water
Associated Lab Samples: 40199206008, 40199206009, 40199206010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	11/15/19 07:06	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	11/15/19 07:06	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	11/15/19 07:06	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	11/15/19 07:06	
1,1-Dichloroethane	ug/L	<0.27	1.0	11/15/19 07:06	
1,1-Dichloroethene	ug/L	<0.24	1.0	11/15/19 07:06	
1,1-Dichloropropene	ug/L	<0.54	1.8	11/15/19 07:06	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	11/15/19 07:06	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	11/15/19 07:06	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/15/19 07:06	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	11/15/19 07:06	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	11/15/19 07:06	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	11/15/19 07:06	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	11/15/19 07:06	
1,2-Dichloroethane	ug/L	<0.28	1.0	11/15/19 07:06	
1,2-Dichloropropane	ug/L	<0.28	1.0	11/15/19 07:06	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	11/15/19 07:06	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	11/15/19 07:06	
1,3-Dichloropropane	ug/L	<0.83	2.8	11/15/19 07:06	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	11/15/19 07:06	
2,2-Dichloropropane	ug/L	<2.3	7.6	11/15/19 07:06	
2-Chlorotoluene	ug/L	<0.93	5.0	11/15/19 07:06	
4-Chlorotoluene	ug/L	<0.76	2.5	11/15/19 07:06	
Benzene	ug/L	<0.25	1.0	11/15/19 07:06	
Bromobenzene	ug/L	<0.24	1.0	11/15/19 07:06	
Bromochloromethane	ug/L	<0.36	5.0	11/15/19 07:06	
Bromodichloromethane	ug/L	<0.36	1.2	11/15/19 07:06	
Bromoform	ug/L	<4.0	13.2	11/15/19 07:06	
Bromomethane	ug/L	<0.97	5.0	11/15/19 07:06	
Carbon tetrachloride	ug/L	<0.17	1.0	11/15/19 07:06	
Chlorobenzene	ug/L	<0.71	2.4	11/15/19 07:06	
Chloroethane	ug/L	<1.3	5.0	11/15/19 07:06	
Chloroform	ug/L	<1.3	5.0	11/15/19 07:06	
Chloromethane	ug/L	<2.2	7.3	11/15/19 07:06	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	11/15/19 07:06	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	11/15/19 07:06	
Dibromochloromethane	ug/L	<2.6	8.7	11/15/19 07:06	
Dibromomethane	ug/L	<0.94	3.1	11/15/19 07:06	
Dichlorodifluoromethane	ug/L	<0.50	5.0	11/15/19 07:06	
Diisopropyl ether	ug/L	<1.9	6.3	11/15/19 07:06	
Ethylbenzene	ug/L	<0.22	1.0	11/15/19 07:06	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

METHOD BLANK: 1978992 Matrix: Water
Associated Lab Samples: 40199206008, 40199206009, 40199206010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	11/15/19 07:06	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	11/15/19 07:06	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	11/15/19 07:06	
Methylene Chloride	ug/L	<0.58	5.0	11/15/19 07:06	
n-Butylbenzene	ug/L	<0.71	2.4	11/15/19 07:06	
n-Propylbenzene	ug/L	<0.81	5.0	11/15/19 07:06	
Naphthalene	ug/L	<1.2	5.0	11/15/19 07:06	
p-Isopropyltoluene	ug/L	<0.80	2.7	11/15/19 07:06	
sec-Butylbenzene	ug/L	<0.85	5.0	11/15/19 07:06	
Styrene	ug/L	<0.47	1.6	11/15/19 07:06	
tert-Butylbenzene	ug/L	<0.30	1.0	11/15/19 07:06	
Tetrachloroethene	ug/L	<0.33	1.1	11/15/19 07:06	
Toluene	ug/L	<0.17	5.0	11/15/19 07:06	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	11/15/19 07:06	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	11/15/19 07:06	
Trichloroethene	ug/L	<0.26	1.0	11/15/19 07:06	
Trichlorofluoromethane	ug/L	<0.21	1.0	11/15/19 07:06	
Vinyl chloride	ug/L	<0.17	1.0	11/15/19 07:06	
Xylene (Total)	ug/L	<1.5	3.0	11/15/19 07:06	
4-Bromofluorobenzene (S)	%	101	70-130	11/15/19 07:06	
Dibromofluoromethane (S)	%	102	70-130	11/15/19 07:06	
Toluene-d8 (S)	%	102	70-130	11/15/19 07:06	

LABORATORY CONTROL SAMPLE: 1978993

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.6	109	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	70-130	
1,1,2-Trichloroethane	ug/L	50	50.7	101	70-130	
1,1-Dichloroethane	ug/L	50	51.4	103	73-150	
1,1-Dichloroethene	ug/L	50	44.7	89	73-138	
1,2,4-Trichlorobenzene	ug/L	50	48.8	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	41.1	82	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	47.9	96	70-130	
1,2-Dichlorobenzene	ug/L	50	50.4	101	70-130	
1,2-Dichloroethane	ug/L	50	53.5	107	75-140	
1,2-Dichloropropane	ug/L	50	51.3	103	73-135	
1,3-Dichlorobenzene	ug/L	50	51.2	102	70-130	
1,4-Dichlorobenzene	ug/L	50	50.4	101	70-130	
Benzene	ug/L	50	53.2	106	70-130	
Bromodichloromethane	ug/L	50	49.5	99	70-130	
Bromoform	ug/L	50	42.2	84	68-129	
Bromomethane	ug/L	50	31.4	63	18-159	
Carbon tetrachloride	ug/L	50	51.5	103	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

LABORATORY CONTROL SAMPLE: 1978993

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	50.6	101	70-130	
Chloroethane	ug/L	50	47.1	94	53-147	
Chloroform	ug/L	50	52.2	104	74-136	
Chloromethane	ug/L	50	33.3	67	29-115	
cis-1,2-Dichloroethene	ug/L	50	51.5	103	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.4	99	70-130	
Dibromochloromethane	ug/L	50	47.2	94	70-130	
Dichlorodifluoromethane	ug/L	50	45.0	90	10-130	
Ethylbenzene	ug/L	50	51.7	103	80-124	
Isopropylbenzene (Cumene)	ug/L	50	52.1	104	70-130	
Methyl-tert-butyl ether	ug/L	50	43.0	86	54-137	
Methylene Chloride	ug/L	50	45.9	92	73-138	
Styrene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	51.4	103	70-130	
Toluene	ug/L	50	51.8	104	80-126	
trans-1,2-Dichloroethene	ug/L	50	48.4	97	73-145	
trans-1,3-Dichloropropene	ug/L	50	46.9	94	70-130	
Trichloroethene	ug/L	50	53.3	107	70-130	
Trichlorofluoromethane	ug/L	50	51.0	102	76-147	
Vinyl chloride	ug/L	50	42.7	85	51-120	
Xylene (Total)	ug/L	150	154	103	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			105	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1979027 1979028

Parameter	Units	40199186001 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	<0.24	50	50	55.1	54.1	110	108	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	49.4	49.0	99	98	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	51.1	51.6	102	103	70-137	1	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	52.0	51.3	104	103	73-153	1	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	45.4	45.5	91	91	73-138	0	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50.2	49.7	100	99	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	44.9	44.9	90	90	58-129	0	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	49.7	50.4	99	101	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	51.4	51.1	103	102	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	54.6	54.0	109	108	75-140	1	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	52.2	52.1	104	104	71-138	0	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	51.8	50.9	104	102	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	51.6	50.8	103	102	70-130	1	20	
Benzene	ug/L	<0.25	50	50	54.0	52.8	108	106	70-130	2	20	
Bromodichloromethane	ug/L	<0.36	50	50	50.5	50.3	101	101	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1979027 1979028

Parameter	Units	40199186001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromoform	ug/L	<4.0	50	50	44.3	44.8	89	90	68-129	1	20	
Bromomethane	ug/L	<0.97	50	50	37.2	38.9	74	78	15-170	5	20	
Carbon tetrachloride	ug/L	<0.17	50	50	52.3	52.0	105	104	70-130	1	20	
Chlorobenzene	ug/L	<0.71	50	50	51.4	51.2	103	102	70-130	0	20	
Chloroethane	ug/L	<1.3	50	50	47.5	47.1	95	94	51-148	1	20	
Chloroform	ug/L	<1.3	50	50	52.4	51.8	105	104	74-136	1	20	
Chloromethane	ug/L	<2.2	50	50	33.4	32.9	67	66	23-115	1	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	51.8	51.3	104	103	70-131	1	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	50.4	49.9	101	100	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	48.9	49.3	98	99	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	43.9	43.7	88	87	10-132	1	20	
Ethylbenzene	ug/L	<0.22	50	50	52.3	52.2	105	104	80-125	0	20	
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	52.6	52.7	105	105	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	44.4	43.7	89	87	51-145	2	20	
Methylene Chloride	ug/L	<0.58	50	50	46.1	45.9	92	92	73-140	0	20	
Styrene	ug/L	<0.47	50	50	52.5	52.6	105	105	70-130	0	20	
Tetrachloroethene	ug/L	<0.33	50	50	52.0	52.5	104	105	70-130	1	20	
Toluene	ug/L	<0.17	50	50	52.5	52.3	105	105	80-131	0	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	49.1	48.6	98	97	73-148	1	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	48.5	48.2	97	96	70-130	0	20	
Trichloroethene	ug/L	<0.26	50	50	53.7	53.7	107	107	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	51.3	51.1	103	102	74-147	0	20	
Vinyl chloride	ug/L	<0.17	50	50	43.0	42.4	86	85	41-129	1	20	
Xylene (Total)	ug/L	<1.5	150	150	155	155	104	104	70-130	0	20	
4-Bromofluorobenzene (S)	%						99	101	70-130			
Dibromofluoromethane (S)	%						104	104	70-130			
Toluene-d8 (S)	%						100	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

QC Batch: 340962 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206004, 40199206005, 40199206006, 40199206007

METHOD BLANK: 1980252 Matrix: Water
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206004, 40199206005, 40199206006, 40199206007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	11/18/19 15:16	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	11/18/19 15:16	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	11/18/19 15:16	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	11/18/19 15:16	
1,1-Dichloroethane	ug/L	<0.27	1.0	11/18/19 15:16	
1,1-Dichloroethene	ug/L	<0.24	1.0	11/18/19 15:16	
1,1-Dichloropropene	ug/L	<0.54	1.8	11/18/19 15:16	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	11/18/19 15:16	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	11/18/19 15:16	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/18/19 15:16	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	11/18/19 15:16	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	11/18/19 15:16	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	11/18/19 15:16	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	11/18/19 15:16	
1,2-Dichloroethane	ug/L	<0.28	1.0	11/18/19 15:16	
1,2-Dichloropropane	ug/L	<0.28	1.0	11/18/19 15:16	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	11/18/19 15:16	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	11/18/19 15:16	
1,3-Dichloropropane	ug/L	<0.83	2.8	11/18/19 15:16	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	11/18/19 15:16	
2,2-Dichloropropane	ug/L	<2.3	7.6	11/18/19 15:16	
2-Chlorotoluene	ug/L	<0.93	5.0	11/18/19 15:16	
4-Chlorotoluene	ug/L	<0.76	2.5	11/18/19 15:16	
Benzene	ug/L	<0.25	1.0	11/18/19 15:16	
Bromobenzene	ug/L	<0.24	1.0	11/18/19 15:16	
Bromochloromethane	ug/L	<0.36	5.0	11/18/19 15:16	
Bromodichloromethane	ug/L	<0.36	1.2	11/18/19 15:16	
Bromoform	ug/L	<4.0	13.2	11/18/19 15:16	
Bromomethane	ug/L	<0.97	5.0	11/18/19 15:16	
Carbon tetrachloride	ug/L	<0.17	1.0	11/18/19 15:16	
Chlorobenzene	ug/L	<0.71	2.4	11/18/19 15:16	
Chloroethane	ug/L	<1.3	5.0	11/18/19 15:16	
Chloroform	ug/L	<1.3	5.0	11/18/19 15:16	
Chloromethane	ug/L	<2.2	7.3	11/18/19 15:16	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	11/18/19 15:16	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	11/18/19 15:16	
Dibromochloromethane	ug/L	<2.6	8.7	11/18/19 15:16	
Dibromomethane	ug/L	<0.94	3.1	11/18/19 15:16	
Dichlorodifluoromethane	ug/L	<0.50	5.0	11/18/19 15:16	
Diisopropyl ether	ug/L	<1.9	6.3	11/18/19 15:16	
Ethylbenzene	ug/L	<0.22	1.0	11/18/19 15:16	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

METHOD BLANK: 1980252 Matrix: Water
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206004, 40199206005, 40199206006, 40199206007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	11/18/19 15:16	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	11/18/19 15:16	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	11/18/19 15:16	
Methylene Chloride	ug/L	<0.58	5.0	11/18/19 15:16	
n-Butylbenzene	ug/L	<0.71	2.4	11/18/19 15:16	
n-Propylbenzene	ug/L	<0.81	5.0	11/18/19 15:16	
Naphthalene	ug/L	<1.2	5.0	11/18/19 15:16	
p-Isopropyltoluene	ug/L	<0.80	2.7	11/18/19 15:16	
sec-Butylbenzene	ug/L	<0.85	5.0	11/18/19 15:16	
Styrene	ug/L	<0.47	1.6	11/18/19 15:16	
tert-Butylbenzene	ug/L	<0.30	1.0	11/18/19 15:16	
Tetrachloroethene	ug/L	<0.33	1.1	11/18/19 15:16	
Toluene	ug/L	<0.17	5.0	11/18/19 15:16	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	11/18/19 15:16	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	11/18/19 15:16	
Trichloroethene	ug/L	<0.26	1.0	11/18/19 15:16	
Trichlorofluoromethane	ug/L	<0.21	1.0	11/18/19 15:16	
Vinyl chloride	ug/L	<0.17	1.0	11/18/19 15:16	
Xylene (Total)	ug/L	<1.5	3.0	11/18/19 15:16	
4-Bromofluorobenzene (S)	%	96	70-130	11/18/19 15:16	
Dibromofluoromethane (S)	%	102	70-130	11/18/19 15:16	
Toluene-d8 (S)	%	99	70-130	11/18/19 15:16	

LABORATORY CONTROL SAMPLE: 1980253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.1	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.0	90	70-130	
1,1,2-Trichloroethane	ug/L	50	48.8	98	70-130	
1,1-Dichloroethane	ug/L	50	49.1	98	73-150	
1,1-Dichloroethene	ug/L	50	43.7	87	73-138	
1,2,4-Trichlorobenzene	ug/L	50	46.4	93	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	36.4	73	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	46.2	92	70-130	
1,2-Dichlorobenzene	ug/L	50	49.1	98	70-130	
1,2-Dichloroethane	ug/L	50	49.8	100	75-140	
1,2-Dichloropropane	ug/L	50	49.3	99	73-135	
1,3-Dichlorobenzene	ug/L	50	49.5	99	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
Benzene	ug/L	50	50.3	101	70-130	
Bromodichloromethane	ug/L	50	47.9	96	70-130	
Bromoform	ug/L	50	40.6	81	68-129	
Bromomethane	ug/L	50	33.8	68	18-159	
Carbon tetrachloride	ug/L	50	47.5	95	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

LABORATORY CONTROL SAMPLE: 1980253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	49.6	99	70-130	
Chloroethane	ug/L	50	45.9	92	53-147	
Chloroform	ug/L	50	49.2	98	74-136	
Chloromethane	ug/L	50	31.3	63	29-115	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	44.3	89	70-130	
Dibromochloromethane	ug/L	50	45.7	91	70-130	
Dichlorodifluoromethane	ug/L	50	39.6	79	10-130	
Ethylbenzene	ug/L	50	49.8	100	80-124	
Isopropylbenzene (Cumene)	ug/L	50	50.2	100	70-130	
Methyl-tert-butyl ether	ug/L	50	38.8	78	54-137	
Methylene Chloride	ug/L	50	45.2	90	73-138	
Styrene	ug/L	50	50.4	101	70-130	
Tetrachloroethene	ug/L	50	50.7	101	70-130	
Toluene	ug/L	50	50.3	101	80-126	
trans-1,2-Dichloroethene	ug/L	50	47.6	95	73-145	
trans-1,3-Dichloropropene	ug/L	50	40.6	81	70-130	
Trichloroethene	ug/L	50	52.0	104	70-130	
Trichlorofluoromethane	ug/L	50	50.0	100	76-147	
Vinyl chloride	ug/L	50	40.6	81	51-120	
Xylene (Total)	ug/L	150	149	100	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1980430 1980431

Parameter	Units	40199202007 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	<0.24	50	50	50.7	52.0	101	104	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	45.2	46.2	90	92	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	48.9	50.1	98	100	70-137	2	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	48.7	50.2	97	100	73-153	3	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	44.4	45.5	89	91	73-138	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	47.6	48.3	95	97	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	37.9	38.2	76	76	58-129	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	46.6	48.6	93	97	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	49.5	50.5	99	101	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	50.1	51.3	100	103	75-140	2	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	48.9	50.6	98	101	71-138	3	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	49.7	50.6	99	101	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	49.7	50.4	99	101	70-130	1	20	
Benzene	ug/L	<0.25	50	50	50.2	51.6	100	103	70-130	3	20	
Bromodichloromethane	ug/L	<0.36	50	50	48.1	50.0	96	100	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1980430 1980431

Parameter	Units	40199202007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromoform	ug/L	<4.0	50	50	41.8	43.5	84	87	68-129	4	20	
Bromomethane	ug/L	<0.97	50	50	38.4	41.8	77	84	15-170	9	20	
Carbon tetrachloride	ug/L	<0.17	50	50	48.3	50.4	97	101	70-130	4	20	
Chlorobenzene	ug/L	<0.71	50	50	50.0	51.3	100	103	70-130	2	20	
Chloroethane	ug/L	<1.3	50	50	46.2	48.2	92	96	51-148	4	20	
Chloroform	ug/L	<1.3	50	50	48.8	50.6	98	101	74-136	4	20	
Chloromethane	ug/L	<2.2	50	50	30.8	31.5	62	63	23-115	2	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	48.8	49.9	98	100	70-131	2	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	45.1	46.7	90	93	70-130	4	20	
Dibromochloromethane	ug/L	<2.6	50	50	46.3	48.0	93	96	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	38.1	39.2	76	78	10-132	3	20	
Ethylbenzene	ug/L	<0.22	50	50	49.6	51.3	99	103	80-125	3	20	
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	50.5	51.9	101	104	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	39.6	40.7	79	81	51-145	3	20	
Methylene Chloride	ug/L	<0.58	50	50	45.2	46.5	90	93	73-140	3	20	
Styrene	ug/L	<0.47	50	50	50.3	51.9	101	104	70-130	3	20	
Tetrachloroethene	ug/L	<0.33	50	50	50.9	52.2	102	104	70-130	3	20	
Toluene	ug/L	<0.17	50	50	50.1	51.4	100	103	80-131	3	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	47.3	49.3	95	99	73-148	4	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	42.0	44.0	84	88	70-130	5	20	
Trichloroethene	ug/L	<0.26	50	50	51.7	53.3	103	107	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	50.0	50.9	100	102	74-147	2	20	
Vinyl chloride	ug/L	<0.17	50	50	40.5	41.4	81	83	41-129	2	20	
Xylene (Total)	ug/L	<1.5	150	150	150	154	100	103	70-130	3	20	
4-Bromofluorobenzene (S)	%						98	99	70-130			
Dibromofluoromethane (S)	%						103	103	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

QC Batch: 341663 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206004, 40199206005, 40199206006

METHOD BLANK: 1984712 Matrix: Water
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206004, 40199206005, 40199206006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/26/19 22:42	

LABORATORY CONTROL SAMPLE: 1984713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.9	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1984714 1984715

Parameter	Units	40199206001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	55.4	100	100	162	163	107	107	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1984716 1984717

Parameter	Units	40199212017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	774	400	400	1160	1180	97	102	90-110	2	15	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

QC Batch: 341821 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 40199206007, 40199206008, 40199206010

METHOD BLANK: 1985484 Matrix: Water
Associated Lab Samples: 40199206007, 40199206008, 40199206010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	12/02/19 10:28	

LABORATORY CONTROL SAMPLE: 1985485

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.4	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1985486 1985487

Parameter	Units	40199440001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	109	200	200	327	321	109	106	90-110	2	15	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

QC Batch: 341431 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206005, 40199206007, 40199206008

METHOD BLANK: 1982618 Matrix: Water
Associated Lab Samples: 40199206001, 40199206002, 40199206003, 40199206005, 40199206007, 40199206008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.15	0.50	11/22/19 00:06	

LABORATORY CONTROL SAMPLE: 1982619

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	2.5	2.3	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1982620 1982621

Parameter	Units	40199135008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	79.7	60	60	140	137	100	96	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1982622 1982623

Parameter	Units	40199135014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	7.1	3	3	10.0	9.9	96	93	80-120	1	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: SHOREWOOD
Pace Project No.: 40199206

QC Batch: 342118 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 40199206004, 40199206006, 40199206010

METHOD BLANK: 1987122 Matrix: Water
Associated Lab Samples: 40199206004, 40199206006, 40199206010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.15	0.50	12/02/19 06:32	

LABORATORY CONTROL SAMPLE: 1987123

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	2.5	2.4	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1987124 1987125

Parameter	Units	40199206004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	0.79	1	1	1.4	1.4	57	57	80-120	0	10	M0

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: SHOREWOOD
Pace Project No.: 40199206

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SHOREWOOD
Pace Project No.: 40199206

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40199206001	**MW-1**	EPA 8015B Modified	341427		
40199206002	**MW-2**	EPA 8015B Modified	341427		
40199206003	**MW-3**	EPA 8015B Modified	341427		
40199206004	**MW-4**	EPA 8015B Modified	341427		
40199206005	**MW-5**	EPA 8015B Modified	341427		
40199206006	**MW-6**	EPA 8015B Modified	341427		
40199206007	**MW-7**	EPA 8015B Modified	341427		
40199206008	**MW-8**	EPA 8015B Modified	341427		
40199206010	**MW-9**	EPA 8015B Modified	341427		
40199206001	**MW-1**	EPA 6010	341189		
40199206002	**MW-2**	EPA 6010	341189		
40199206003	**MW-3**	EPA 6010	341189		
40199206004	**MW-4**	EPA 6010	341189		
40199206005	**MW-5**	EPA 6010	341189		
40199206006	**MW-6**	EPA 6010	341189		
40199206007	**MW-7**	EPA 6010	341189		
40199206008	**MW-8**	EPA 6010	341189		
40199206010	**MW-9**	EPA 6010	341189		
40199206001	**MW-1**	EPA 8260	340962		
40199206002	**MW-2**	EPA 8260	340962		
40199206003	**MW-3**	EPA 8260	340962		
40199206004	**MW-4**	EPA 8260	340962		
40199206005	**MW-5**	EPA 8260	340962		
40199206006	**MW-6**	EPA 8260	340962		
40199206007	**MW-7**	EPA 8260	340962		
40199206008	**MW-8**	EPA 8260	340825		
40199206009	**TRIP BLANK**	EPA 8260	340825		
40199206010	**MW-9**	EPA 8260	340825		
40199206001	**MW-1**	EPA 300.0	341663		
40199206002	**MW-2**	EPA 300.0	341663		
40199206003	**MW-3**	EPA 300.0	341663		
40199206004	**MW-4**	EPA 300.0	341663		
40199206005	**MW-5**	EPA 300.0	341663		
40199206006	**MW-6**	EPA 300.0	341663		
40199206007	**MW-7**	EPA 300.0	341821		
40199206008	**MW-8**	EPA 300.0	341821		
40199206010	**MW-9**	EPA 300.0	341821		
40199206001	**MW-1**	SM 5310C	341431		
40199206002	**MW-2**	SM 5310C	341431		
40199206003	**MW-3**	SM 5310C	341431		
40199206004	**MW-4**	SM 5310C	342118		
40199206005	**MW-5**	SM 5310C	341431		
40199206006	**MW-6**	SM 5310C	342118		
40199206007	**MW-7**	SM 5310C	341431		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SHOREWOOD
Pace Project No.: 40199206

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40199206008	**MW-8**	SM 5310C	341431		
40199206010	**MW-9**	SM 5310C	342118		

Pace Analytical®
www.pacelabs.com

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

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	SAND CREEK
Branch/Location:	PLYMOUTH
Project Contact:	Ken Ebbott
Phone:	920 918 9024
Project Number:	SHOREWOOD
Project Name:	SHOREWOOD
Project State:	WI
Sampled By (Print):	Ken Ebbott
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	PREF VOC $50
Mail To Contact:	Ken Ebbott
Mail To Company:	Sand Creek
Mail To Address:	W 5877 Pheasant Lane Plymouth WI 53073
Invoice To Contact:	Tom Schafer
Invoice To Company:	4300 OAK LLC
Invoice To Address:	c/o Sand Creek Plymouth
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	VOC	Ethane Methane Ethene	TOC	Sulfate	Dissolved Fe, Mn				CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
FILTERED? (YES/NO)					Y/N				N	Y					
PRESERVATION (CODE)*					Pick Letter	B	B	C	A	D					
001	MW-1	11-11-19	1545	GW		X	X	X	X	X					
002	MW-2	11	1625			X	X	X	X	X					
003	MW-3	11	1630			X	X	X	X	X					
004	MW-4	11-12-19	1600			X	X	X	X	X					
005	MW-5	11-12-19	1630			X	X	X	X	X					
006	MW-6	11-11-19	1600			X	X	X	X	X					
007	MW-7	11-12-19	1615			X	X	X	X	X					
008	MW-8	11-12-19	1545			X	X	X	X	X					
009	Trip blank	8-12-19				X									
010	MW-9	11-13-19	1200	GW		X	X	X	X	X				Low Volume Water for SO4 & metals	

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

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

Email #1:	Ken.Ebbott@Sand-Creek
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11-14-19 1030		11/14/19 1030
	11/14/19 1360		11/14/19 1300

PACE Project No.
40199206

Receipt Temp = 2.1 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

ORIGINAL

Sample Preservation Receipt Form

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

Client Name: Sandcreek Project # 40199206

All containers needing preservation have been checked and noted below: ☑Yes ☐No ☐N/A Initial when completed: Date/ Time:

Lab Lot# of pH paper: 10053581 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001			1								1		1					6													X		2.5 / 5 / 10
002			1								1		1					6													X		2.5 / 5 / 10
003			1								1		1					6													X		2.5 / 5 / 10
004			1								1		1					6													X		2.5 / 5 / 10
005			1								1		1					5													X		2.5 / 5 / 10
006			1								1		1					6													X		2.5 / 5 / 10
007			1								1		1					6													X		2.5 / 5 / 10
008			1								1		1					6													X		2.5 / 5 / 10
009																		1															2.5 / 5 / 10
010			1								1		1					6									6				X		2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

11/14/19

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

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical 1241 Bellevue Street, Green Bay, WI 54302	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: 25Apr2018
	Document No.: **F-GB-C-031-Rev.07**	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40199206

40199206

Client Name: Sand creek

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

Tracking #: _____

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

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

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - MH **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2.2 /Corr:

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

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 11/14/19
Initials:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. pg 11 11/14/19
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume:		8.
For Analysis: ☑Yes ☐No MS/MSD:	☐Yes ☑No ☐N/A	
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. 004-1500 005-1530 11/14/19
-Includes date/time/ID/Analysis Matrix: W		007-1515, 008-1445
Trip Blank Present:	☐Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 433		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AL for DM **Date:** 11/14/19