



## TECHNICAL MEMO

**To:** WDNR SE Region Service Center, 2300 N Dr Martin Luther King Dr  
Milwaukee, WI 53212-3128 and  
WDATCP, Bureau of Weights and Measures, P.O. Box 7837, Madison, WI 53707-7837

**From:** Ken Ebbott/Sand County Environmental, Inc.

**CC:** Mr. Tom Schafer, 4300 Oak LLC, via email only to [tschafer@wi.rr.com](mailto:tschafer@wi.rr.com)  
Underground Storage Tank Removals

**RE:** Former Shorewood Queensway Cleaners, 4300 N. Oakland Avenue, Shorewood, Wisconsin

**Subject:** Tank System Site Assessment Report

**Date:** November 30, 2020

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### BACKGROUND AND OBJECTIVE

This report presents the results of a Tank System Site Assessment (TSSA) at the above referenced property. Three tanks were encountered during environmental soil remediation of drycleaning solvent-contaminated soil. The excavation of soil containing tetrachloroethene was being performed for 4300 Oak LLC, and included removal of former building footings when the tanks and petroleum-impacted soil was discovered.

The tanks were not registered and were not known to be present on the Property, although the historic property use included operation as a gasoline station in the 1950's. One tank was discovered adjacent to the former building and likely contained heating oil to operate a boiler / heater. The other two tanks were south of the building and likely contained gasoline.

On July 27 and 28, 2020, the tanks were removed by Foust Excavating, Oshkosh, WI. Prior to removal, water was sucked from the two gas tanks by GFL Environmental, Franklin, WI with the removed water hauled to their wastewater treatment facility for disposal. Pea stone in the tanks was dumped out onto the soil surrounding the tank, and immediately excavated for landfill disposal. A licensed remover cleaner from Covanta Environmental, (Covanta), Winneconne, WI certified the gas tanks were non-flammable. All three tanks were crushed, removed, and properly discarded. Upon removal of the tanks, Sand County directed contaminated soil excavation from the perimeter of the tanks, and soil samples were obtained from the excavation floor and walls to document the remaining site conditions and meet the TSSA requirements.

## LOCATION AND EXISTING DRYCLEANING BRRTS SITE

The gas tanks were located on the south center of the 4300 N. Oakland Avenue Property (Property), on the northeast corner of the intersection of E. Marion Street and N. Oakland Avenue in Shorewood. The Property is owned by 4300 Oak LLC, as indicated on the TSSA Report form.

The Property was in the midst of a large (3000 ton) soil remediation project related to historic releases of tetrachloroethene (PCE). While it was known there had been a prior operation as a gasoline service station no evidence of remaining underground storage tanks were present. The Bureau of Remediation and Redevelopment Tracking System (BRRTS) case number for the drycleaning remediation project is 02-41-552089.

## COMPLETED SCOPE OF WORK AND METHODS

On July 27, 2020, the tanks were discovered during excavation of footing and other buried debris by the remediation project contractor, Foust Excavating, Oshkosh, WI. Sand County viewed the situation and made arrangements with GFL to remove the tank liquids, and Covanta to properly clean residuals from the tank, if necessary. A tank removal permit was obtained from the Village of Shorewood, and Safebuilt Inspections was notified of the tank removals, but they indicated they could not attend to observe the removals.

The fuel oil tank was in poor condition, with multiple rust holes, and had been filled with pea gravel. The approximately four-foot diameter by six feet long tank was crushed and removed on July 27, 2020, with all pea gravel and surrounding soil landfilled. Later that day, the two gas tanks were discovered approximately 15 feet south of the fuel oil tank.

The gas tanks were removed on July 28, 2020 after removal of 1,200 gallons of water from the tanks interior. The gas tanks had been filled pea stone, and either filled with water, or groundwater entered the tanks over time, since both tanks were full of water. The water was hauled by GFL for disposal at their licensed wastewater treatment facility. There was no sheen or free product observed on any of the water at the tanks.

The pea gravel was emptied from the tanks and included with soil hauled to the landfill. Excavated soil was directly loaded into dump trucks and hauled to Waste Management's Orchard Ridge biopile for treatment and beneficial reuse as daily cover upon completion of treatment. Surrounding soil was excavated to remove contaminated soil that was apparent based on odors. Removal of approximately 110 tons of soil was identified as being related to the underground storage tanks, although other soil from the area had been removed earlier related to drycleaning solvent remediation activities.

Soil samples were obtained from the native soil surrounding the tanks after removal and soil excavation. Eleven samples (EX-48 to EX-58) were obtained by Sand County personnel, as shown on the Part B and the attached figure. Upon removal of the soil, the excavation was moist, but not wet, with no water observed in the tank excavation that extended to depths of ten to eleven feet. Based on historic groundwater monitoring from two monitoring wells located within 30 feet of the former tanks, the depth to water ranges from approximately two to eight feet below grade across this portion of the Property.

Field volatile organic compound measurement were obtained using a photoionization detector (PID), and all eleven laboratory samples from the tank excavation were preserved with methanol and submitted for laboratory analysis of the full list of volatile organic compounds (VOCs).

Upon completion of the soil sampling, the excavation was backfilled and compacted to grade with sandy silt with fine gravel chips, called quarry screenings. A thin layer of topsoil was placed, and grass vegetation established.

## **RESULTS**

### Tank Removals

The gas tanks were buried approximately three feet below grade and measured four feet in diameter by six feet in length for the south tank, and eleven feet in length for the north gas tank. Vent pipes ran north toward the building south wall. Fill apparently occurred directly over the gas tanks.

The supply lines were buried approximately two feet below grade, and ran an estimated 50 feet to the northwest to the dispensers. The steel supply pipes were placed within four to six-inch clay tile piping as conduit. The supply pipes were pulled out removed, but the clay tile conduit piping was not removed. Soil samples were obtained at the exposed piping (EX-48 and EX-49) at depths of 2.5 feet and four feet (fill beneath the tile, and the underlying native clay, and four previous soil samples from borings installed during the site investigation were located further along the former piping run (Borings O, SB-7).

Upon cleaning, the gas tanks did not generate any sludge, as they had been filled with pea gravel and possibly water upon closure. The gas tanks were pitted and had several rust holes. Both gas tanks were rendered safe for transport and were crushed and discarded or recycled.

The gas tank contents have been assumed to be leaded gasoline, due to the historic use of the property as a gasoline service station in the 1950's.

Tank Registration Forms TR-WM-137, signed by the current property owner, are attached.

### Soil Chemistry Results

The soil sample results are summarized on Part B of the TSSA report, and indicate no detection of petroleum related constituents. There was an apparent odor of petroleum in the excavated soils, and field results indicate slightly elevated PID responses at some of the sample locations, with readings ranging from 0.0 to 10.3 ppm.

With the exception of sandy fill at sample EX-48, all soil samples retained for laboratory analysis were from native soils, which consist of dense red to gray brown silty clay. The depth to water ranges from two to eight feet below grade on this portion of the site, and the wall soil samples were obtained from soils within the capillary fringe, while the floor samples were obtained beneath the saturated zone.

### Free Product and Groundwater Chemistry Results

After the tank removal and backfill was complete, on August 14, 2020 one monitoring well (MW-10) was drilled and installed to a depth of 13 feet below grade at the approximate location of soil sample EX-58 (10'). The well was completed with a ten-foot slotted screen. It was noted the soil cuttings from ten feet and deeper had a petroleum odor. The cuttings were drummed and landfilled.

Upon returning to the site to develop well MW-10 prior to groundwater sampling, it was observed the well contained several feet of free product. The product has a strong petroleum odor and is very light brown. The product was sampled for analysis by a laboratory and has been identified as consisting of 10 to 20 percent weathered gasoline and the remainder fuel oil. The product contains gasoline range organics (GRO) at 9,300 milligrams per liter (mg/l) and diesel range organics (DRO) at 3.35 mg/l.

Water beneath the product was also sampled and contains levels of benzene and naphthalene above the NR 140 groundwater Enforcement Standards.

### **RECOMMENDATIONS**

Based on the findings, further remediation of the free product at MW-10 is necessary. A plan has been sent to the WDNR project manager, Ms. Alice Egan, to address the situation, with additional soil, groundwater, and excavation / product and liquids removal anticipated.

I trust this information meets your needs.

Sincerely,



Kendrick A. Ebbott, P.G.

Senior Project Manager

### **ATTACHMENTS**

TSSA Report Parts A and B with Photo-documentation

Map of Sample Locations

Laboratory Analytical Results

Tank Registration Forms TR-WM-137



Wisconsin Department of Agriculture, Trade and Consumer Protection  
 Bureau of Weights and Measures  
 P.O. Box 7837, Madison, WI 53707-7837  
 (608) 224-4942

Wis. Admin. Code §ATCP 93.560

FOR OFFICE USE ONLY

# TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Complete One Form for Each System Service Event

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

CHECK ONE:  UNDERGROUND  ABOVEGROUND

## Part A - To be completed by contractor performing repair or closure

A. TYPE OF SERVICE  CLOSURE  REPAIR/UPGRADE  CHANGE-IN-SERVICE

Indicate portion of system being serviced if a repair, upgrade or change-in-service is being performed

Remote fill  Tank  Piping  Transition/containment sump  Spill bucket  Dispenser

## B. IDENTIFICATION

### OWNER INFORMATION

OWNER NAME 4300 OAK LLC	CONTACT NAME TOM SCHAFER	TITLE
MAILING ADDRESS 2551 N WAHL AVE	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE MILWAUKEE	STATE ZIP WI 53213
TELEPHONE: 414 840 6667	E-MAIL	

### SITE INFORMATION

FACILITY NAME SHOREWOOD <sup>Queensway</sup> CLEANWAY CLEANERS	<input type="checkbox"/> CITY <input type="checkbox"/> TOWN <input checked="" type="checkbox"/> VILLAGE SHOREWOOD	STATE ZIP WI 53211
SITE ADDRESS (Not PO Box) 4300 NORTH OAKLAND AVE		

### SERVICE CONTRACTOR INFORMATION

PRIMARY SERVICE CONTRACTOR Section A Above COVANTA ENVIRONMENTAL	TELEPHONE: 762-7596	CELL: 920-925188
STREET ADDRESS 210 TOWER ROAD WINNECONNE WI	<input type="checkbox"/> CITY <input type="checkbox"/> TOWN <input checked="" type="checkbox"/> VILLAGE WINNECONNE	STATE ZIP WI 54986

## C. TANK SYSTEM DETAIL (Complete for all service activities)

a	b	c	d	e	f	g	h
Tank ID #	Type of Closure <sup>1</sup>	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents <sup>2</sup>	Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?	If "Yes" to "g", Then Specify Source and Cause of Release <sup>3</sup>
						Source of Release <sup>3</sup>	Cause of Release <sup>4</sup>
	P	ST	ST	1000	UNKNOWN	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	RUSTY TANK
	P	ST	ST	500	UNKNOWN	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	RUSTY TANK
						<input type="checkbox"/> Yes <input type="checkbox"/> No	
						<input type="checkbox"/> Yes <input type="checkbox"/> No	
						<input type="checkbox"/> Yes <input type="checkbox"/> No	
						<input type="checkbox"/> Yes <input type="checkbox"/> No	

- Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place
- Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (indicate the chemical name(s):
- CAS number(s):
- Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other, UNK = Unknown
- Cause of release:  
S = spill, O = overflow, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other, UNK = Unknown
- Has release been reported to the Department of Natural Resources?  Yes  No  Release not evident at this time

**D. CLOSURES (Check applicable box at right in response to all statements in section D)**

Written notification was provided to the local agent 5 days in advance of closure date.  Yes  No

All local permits were obtained before beginning closure.  Yes  No  NA

IUST Form TR-WM-137 or  AST Form TR-WM-118 filed by owner with the DATCP indicating closure.  Yes  No  NA

**NOTE: TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST**

**D.1  TEMPORARILY OUT-OF-SERVICE**

	Remover Verified	Inspector Verified	Inspector Not Present	NA
1. Product removed.				
a. Product lines drained into tank (or other container) and liquid removed, and	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
b. All product removed to bottom of suction line, OR	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
c. All product removed to within 1" of bottom.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
4. Dispensers/pumps left in place but locked and power disconnected.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
5. Vent lines left open.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

**D.2  CLOSURE BY REMOVAL OR IN-PLACE**

	Remover Verified	Inspector Verified	Inspector Not Present	NA
1. General Requirements				
a. Product from piping drained into tank (or other container).	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
b. Piping disconnected from tank and removed.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
f. Vent lines left connected until tanks purged.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
g. Tank openings temporarily plugged so vapors exit through vent.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

	Remover Verified	Inspector Verified	Inspector Not Present	NA
2. Specific Closure-by-Removal Requirements				
a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
b. Tank cleaned before being removed from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

**NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL**

	Remover Verified	Inspector Verified	Inspector Not Present	NA
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
e. Site security is provided while the excavation is open.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
3. Specific Closure-In-Place Requirements	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

**NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.**

	Remover Verified	Inspector Verified	Inspector Not Present	NA
a. Tank properly cleaned to remove all sludge and residue.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
c. Vent line disconnected or removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
d. Inventory form filed by owner with the DATCP indicating closure in-place.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

**E.  REPAIR, UPGRADE OR CHANGE-IN-SERVICE**

Written notification was provided to the local agent 5 days in advance of service date.  Y  N  NA

All local permits were obtained before beginning service.  Y  N  NA

Form TR-WM-137 or 0 TR-WM-118 filed by owner with the DATCP indicating change-in-service.  Y  N  NA

**F. METHOD OF VAPOR FREEING OF TANK**

Displacement of vapors by eductor or diffused air blower.

Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.

Inert gas using dry ice or liquid carbon dioxide.

Inert gas using CO2 or N2 **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.

Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.

Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.

Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

G. REMOVER/CLEANER INFORMATION

STEVE STERNARD	<i>[Signature]</i>	401570	7-28-20
REMOVER/CLEANER NAME (PRINT):	REMOVER/CLEANER SIGNATURE	CERTIFICATION #	DATE SIGNED

I attest that the procedures and information which I have provided as the tank closure contractor are correct and comply with ATCP 93.

Company expected to perform soil contamination assessment SAND CREEK

H. INSPECTOR INFORMATION

INSPECTOR NAME (PRINT):	INSPECTOR SIGNATURE	INSPECTOR CERTIFICATION #	LPO AGENCY/COMPANY NAME
4006 Shorewood	<i>[Signature]</i>	1262-346-4575	Safeduilt
FDID # FOR LOCATION WHERE INSPECTION PERFORMED		INSPECTOR TELEPHONE:NUMBER	DATE SIGNED
			7-31-20

INSPECTOR NOTES:

*[Signature]* Due to short notice - no inspector was able to be on site.

ORIGINAL SENT  
JUL 31 2020  
TO STATE

**Part B - To be completed by environmental professional - Submit original Part B to the WDNR along with a copy of Part A**

**I. TANK-SYSTEM SITE ASSESSMENT (TSSA)**

SITE NAME - Note: SITE NAME and address MUST MATCH with Part A Section 1.

SHOREWOOD QUEENSWAY CLEANERS  
 SITE ADDRESS (Not PO Box) 4300 N. OAKLAND AVENUE  
 CITY  TOWN  VILLAGE  
 SHOREWOOD STATE WI ZIP 53211

To determine if a TSSA is required, see ATCP 93 and section II part B of ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.

If a TSSA is required, then follow the procedures detailed in ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.

**1. Site Information**

- a. Has there been a previously documented release at this site?  Y  N  
 If yes, provide the DATCP # \_\_\_\_\_ or DNR BRRT's # 02-41-552 089
- b. Number of active tanks at facility prior to completion of current services: USTs 0 ASTs 0  
 (NOTE 1: Do not include previously closed systems or system components.)
- c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
1	14' N/S	21'	10 to 11'
2	10' N/S	21'	7'

**2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)**

Do any of the following conditions exist in or about the excavation(s)?

- a. Stained soils:  Yes  No
- b. Petroleum odor:  Yes  No
- c. Water in excavation/trench:  Yes  No
- d. Free product in the excavation/trench:  Yes  No
- e. Sheen or free product on water:  Yes  No

**3. Geology/Hydrogeology**

- a. Depth to groundwater ± 7 feet
- b. Indicate type of geology? SILTY CLAY, DENSE TILL

**4. Receptors**

- a. Water supply well(s) within 250 feet of the facility?  Yes  No If yes, specify: \_\_\_\_\_
- b. Surface water(s) within 1000 feet of the facility?  Yes  No If yes, specify: \_\_\_\_\_

**5. Sampling**

- a. Follow the procedures detailed in ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.
- b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)
- c. Attach a detailed map of site features and sample locations.

**J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW**

Tank removals completed in conjunction with soil excavation remedial action for drycleaning solvent. Tanks were ~~previously~~ previously abandon-in place with pea gravel and were full of water with no petroleum sheen. Liquids were properly sucked out and treated for disposal at an off site facility, and pea gravel was removed to the landfill with adjacent contaminated soil. A remedial excavation was performed to remove soil with discoloration and petroleum odors, with landfill biopile of the soil. Final limit perimeter & flow samples indicate no VOC contamination or Lead. A groundwater well was installed and will be sampled in late August, 2020.

Distribution: DATCP DNR Inspector Contractor Owner



TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
EX-48	Under Supply Pipe/SAND	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.5' 25'	0.7	NA	NA
EX-49	Under Supply Pipe/Clay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1.5' 4'	1.0		
EX-50	Floor North/Clay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1' 9'	0.0		
EX-51	Floor Middle/Clay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3' 11'			
EX-52	wall SE Corner/Clay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	- 2.5'	4.1		
EX-53	wall E /Clay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	- 2'	5.2		
EX-54	wall E /Clay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	- 6'	6.0		
EX-55	wall W /Clay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	- 6'	7.1		
EX-56	Floor South/Clay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1' 7'	10.3		
EX-57	wall SW/Clay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	- 3'	0.5		
EX-58	Under Tank /Clay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2' 10'	6.2		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

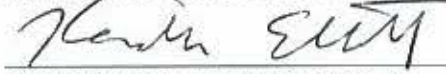
TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
EX-48 W 25'	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<27.3
EX-49 W 4'							
EX-50 F 9'							
EX-51 F 11'							
EX-52 W 25'							
EX-53 W 2'							
EX-54 W 6'							
EX-55 W 6'							
EX-56 F 7'							
EX-57 W 3'							
EX-58 F 10'							

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

- As a tank-system site assessor certified under Wis. Admin. Code section ATCP 93.240, it is my opinion that there is no indication of a release of a regulated substance to the environment.
- Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of \$10 and a maximum of \$5000 for each violation under Wis. Stats. Section 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

Kendrick Ebbott  
 TANK-SYSTEM SITE ASSESSOR NAME (PRINT):

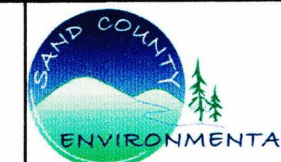
  
 TANK-SYSTEM SITE ASSESSOR SIGNATURE

401176  
 CERTIFICATION NO.

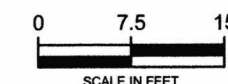
920 918-9024  
 TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER

8-17-20  
 DATE SIGNED

SAND-CREEK CONSULTANTS  
 COMPANY NAME



EXCAVATION LIMITS AND SOIL TETRACHLOROETHENE CONCENTRATIONS



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

DATE: NOVEMBER 2020

SCALE: 1"=15'

DRAWN BY: NG

APPROVED: KE

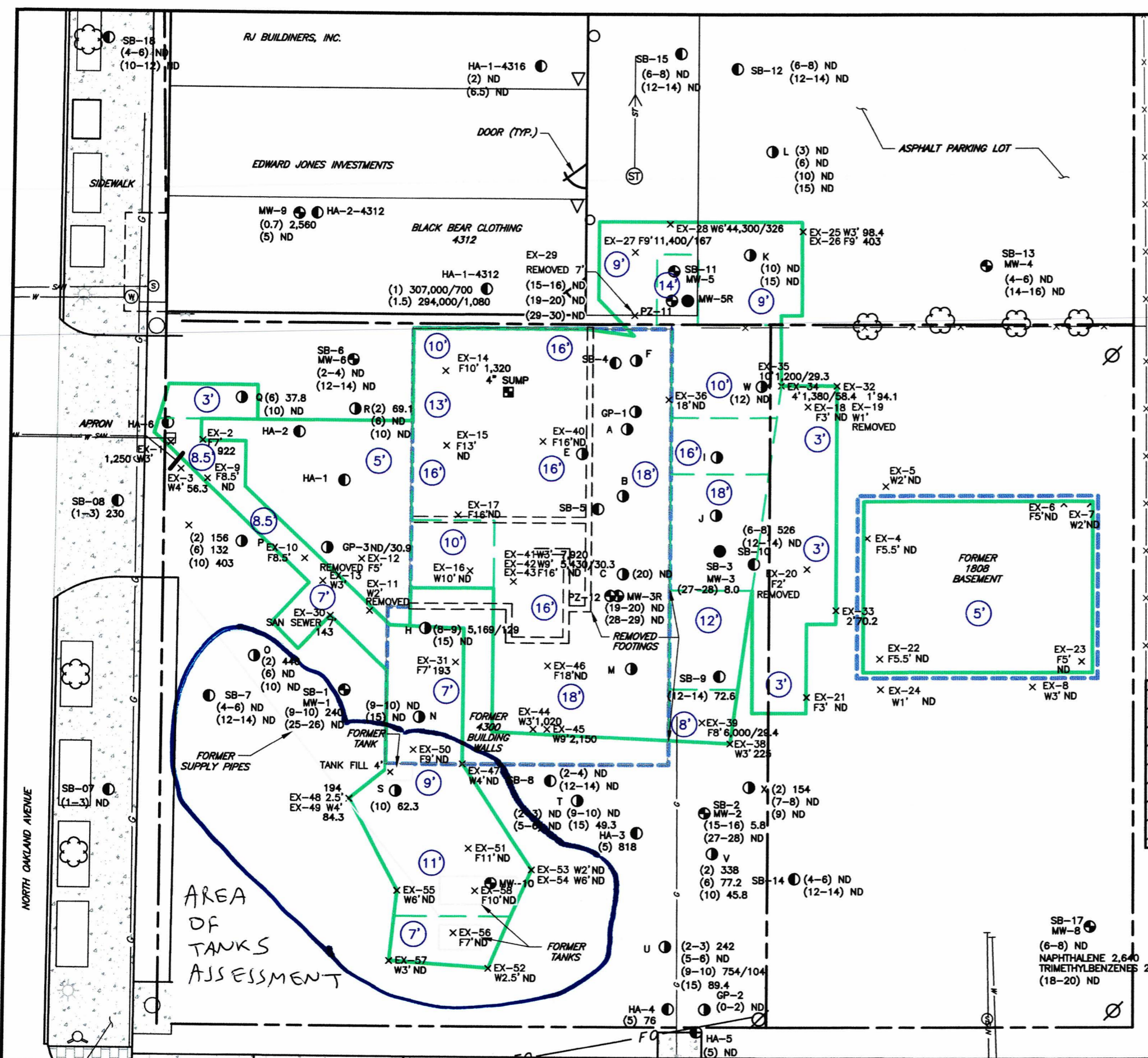
FIGURE 3

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
	STORM SEWER MANHOLE
	SANITARY SEWER MANHOLE
	CATCH BASIN
	SIGN
	CEMENT PLANTER
	SOIL BORING
	MONITORING WELL/SOIL BORING (SOLID IF ABANDONED)
	FORMER BUILDING LOCATION
	EXCAVATION BOUNDARY
	DEPTH OF EXCAVATION
	WALL SAMPLE LOCATION AND DEPTH
	FLOOR SAMPLE LOCATION AND DEPTH
	SAMPLE DEPTH (FEET BELOW GRADE)
	CHANGE IN EXCAVATION DEPTH
	SOIL CONCENTRATION OF PCE/TCE IN (µg/kg) TCE CONCENTRATIONS (IF ONLY ONE VALUE, ONLY PCE DETECTED)
	NO DETECTION

NOTES:

- 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.
- 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.
- UTILITY LOCATIONS ARE APPROXIMATE.





Tank supply pipes inside 8" Clay Tile Lines on west wall of excavation – view South  
Tanks were approximately at backhoe bucket and further south



North Tank Removal. South tank still in excavation adjacent  
Vent pipes run to north



South Tank Removed with North Tank in Background

August 11, 2020

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

RE: Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

Dear Ken Ebbott:


Enclosed are the analytical results for sample(s) received by the laboratory on July 29, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures

cc: Hollie DePuydt, SAND CREEK CONSULTANTS, INC.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

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

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40211948001	EX-44 WALL 3'	Solid	07/24/20 08:00	07/29/20 14:10
40211948002	EX-45 WALL 9'	Solid	07/24/20 07:40	07/29/20 14:10
40211948003	EX-46 FLOOR 18'	Solid	07/24/20 07:50	07/29/20 14:10
40211948004	EX-47 WALL 4'	Solid	07/27/20 10:30	07/29/20 14:10
40211948005	EX-48 WALL 2.5'	Solid	07/27/20 09:30	07/29/20 14:10
40211948006	EX-49 WALL 4'	Solid	07/27/20 10:35	07/29/20 14:10
40211948007	EX-50 FLOOR 9'	Solid	07/27/20 09:45	07/29/20 14:10
40211948008	EX-51 FLOOR 11'	Solid	07/27/20 12:30	07/29/20 14:10
40211948009	EX-52 SE CORNER 2.5'	Solid	07/28/20 10:40	07/29/20 14:10
40211948010	EX-53 E WALL 2'	Solid	07/28/20 11:45	07/29/20 14:10
40211948011	EX-54 E WALL 6'	Solid	07/28/20 11:40	07/29/20 14:10
40211948012	EX-55 W WALL 6'	Solid	07/28/20 11:30	07/29/20 14:10
40211948013	EX-56 SE FLOOR 7'	Solid	07/28/20 10:45	07/29/20 14:10
40211948014	EX-57 SW WALL 3'	Solid	07/28/20 10:30	07/29/20 14:10
40211948015	EX-58 FLOOR UNDER 10'	Solid	07/28/20 11:20	07/29/20 14:10

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40211948001	EX-44 WALL 3'	EPA 8260	MDS	63
		ASTM D2974-87	EMW	1
40211948002	EX-45 WALL 9'	EPA 8260	MDS	63
		ASTM D2974-87	EMW	1
40211948003	EX-46 FLOOR 18'	EPA 8260	MDS	63
		ASTM D2974-87	EMW	1
40211948004	EX-47 WALL 4'	EPA 6010	TXW	1
		EPA 8260	MDS	63
		ASTM D2974-87	EMW	1
40211948005	EX-48 WALL 2.5'	EPA 6010	TXW	1
		EPA 8260	ALD	63
		ASTM D2974-87	EMW	1
40211948006	EX-49 WALL 4'	EPA 6010	TXW	1
		EPA 8260	ALD	63
		ASTM D2974-87	EMW	1
40211948007	EX-50 FLOOR 9'	EPA 6010	TXW	1
		EPA 8260	ALD	63
		ASTM D2974-87	EMW	1
40211948008	EX-51 FLOOR 11'	EPA 6010	TXW	1
		EPA 8260	ALD	63
		ASTM D2974-87	EMW	1
40211948009	EX-52 SE CORNER 2.5'	EPA 6010	TXW	1
		EPA 8260	ALD	63
		ASTM D2974-87	EMW	1
40211948010	EX-53 E WALL 2'	EPA 6010	TXW	1
		EPA 8260	ALD	63
		ASTM D2974-87	EMW	1
40211948011	EX-54 E WALL 6'	EPA 6010	TXW	1
		EPA 8260	ALD	63
		ASTM D2974-87	SRK	1
40211948012	EX-55 W WALL 6'	EPA 6010	TXW	1
		EPA 8260	ALD	63
		ASTM D2974-87	EMW	1
40211948013	EX-56 SE FLOOR 7'	EPA 6010	TXW	1
		EPA 8260	MDS	63
		ASTM D2974-87	EMW	1
40211948014	EX-57 SW WALL 3'	EPA 6010	TXW	1

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40211948015	EX-58 FLOOR UNDER 10'	EPA 8260	MDS	63
		ASTM D2974-87	SKW	1
		EPA 6010	TXW	1
		EPA 8260	MDS	63
		ASTM D2974-87	SKW	1

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
 Pace Project No.: 40211948

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40211948001</b>	<b>EX-44 WALL 3'</b>					
EPA 8260	Tetrachloroethene	1020	ug/kg	161	07/31/20 12:10	
ASTM D2974-87	Percent Moisture	19.9	%	0.10	08/10/20 11:34	
<b>40211948002</b>	<b>EX-45 WALL 9'</b>					
EPA 8260	Tetrachloroethene	2150	ug/kg	151	07/31/20 12:34	
ASTM D2974-87	Percent Moisture	14.6	%	0.10	08/10/20 11:34	
<b>40211948003</b>	<b>EX-46 FLOOR 18'</b>					
ASTM D2974-87	Percent Moisture	14.8	%	0.10	08/10/20 11:34	
<b>40211948004</b>	<b>EX-47 WALL 4'</b>					
EPA 6010	Lead	9.8	mg/kg	2.3	07/31/20 13:13	
EPA 8260	Isopropylbenzene (Cumene)	178	ug/kg	72.2	07/31/20 15:16	
EPA 8260	n-Propylbenzene	188	ug/kg	72.2	07/31/20 15:16	
EPA 8260	sec-Butylbenzene	77.2J	ug/kg	86.6	07/31/20 15:16	
ASTM D2974-87	Percent Moisture	16.9	%	0.10	08/10/20 11:34	
<b>40211948005</b>	<b>EX-48 WALL 2.5'</b>					
EPA 6010	Lead	3.3	mg/kg	2.3	07/31/20 13:15	
EPA 8260	Tetrachloroethene	194	ug/kg	156	08/07/20 12:35	
ASTM D2974-87	Percent Moisture	17.5	%	0.10	08/10/20 11:34	
<b>40211948006</b>	<b>EX-49 WALL 4'</b>					
EPA 6010	Lead	6.3	mg/kg	2.3	07/31/20 13:18	
EPA 8260	Tetrachloroethene	84.3J	ug/kg	153	08/07/20 12:58	
ASTM D2974-87	Percent Moisture	15.8	%	0.10	08/10/20 11:34	
<b>40211948007</b>	<b>EX-50 FLOOR 9'</b>					
EPA 6010	Lead	6.4	mg/kg	2.3	07/31/20 13:20	
ASTM D2974-87	Percent Moisture	14.4	%	0.10	08/10/20 11:34	
<b>40211948008</b>	<b>EX-51 FLOOR 11'</b>					
EPA 6010	Lead	6.0	mg/kg	2.4	07/31/20 13:23	
ASTM D2974-87	Percent Moisture	17.2	%	0.10	08/10/20 11:34	
<b>40211948009</b>	<b>EX-52 SE CORNER 2.5'</b>					
EPA 6010	Lead	6.7	mg/kg	2.3	07/31/20 13:25	
ASTM D2974-87	Percent Moisture	13.9	%	0.10	08/10/20 11:35	
<b>40211948010</b>	<b>EX-53 E WALL 2'</b>					
EPA 6010	Lead	7.6	mg/kg	2.3	07/31/20 13:32	
ASTM D2974-87	Percent Moisture	15.2	%	0.10	08/10/20 11:35	
<b>40211948011</b>	<b>EX-54 E WALL 6'</b>					
EPA 6010	Lead	7.4	mg/kg	2.3	07/31/20 13:35	
ASTM D2974-87	Percent Moisture	14.6	%	0.10	07/29/20 16:54	
<b>40211948012</b>	<b>EX-55 W WALL 6'</b>					
EPA 6010	Lead	5.5	mg/kg	2.3	07/31/20 13:37	
ASTM D2974-87	Percent Moisture	16.0	%	0.10	08/10/20 11:35	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40211948013</b>	<b>EX-56 SE FLOOR 7'</b>					
EPA 6010	Lead	6.6	mg/kg	2.2	07/31/20 13:40	
ASTM D2974-87	Percent Moisture	13.5	%	0.10	08/10/20 11:35	
<b>40211948014</b>	<b>EX-57 SW WALL 3'</b>					
EPA 6010	Lead	6.9	mg/kg	2.3	08/03/20 20:40	
ASTM D2974-87	Percent Moisture	14.1	%	0.10	07/31/20 14:20	
<b>40211948015</b>	<b>EX-58 FLOOR UNDER 10'</b>					
EPA 6010	Lead	7.7	mg/kg	2.2	08/03/20 20:50	
ASTM D2974-87	Percent Moisture	12.1	%	0.10	07/31/20 14:20	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-47 WALL 4'**      **Lab ID: 40211948004**      Collected: 07/27/20 10:30      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	<b>9.8</b>	mg/kg	2.3	0.68	1	07/31/20 05:53	07/31/20 13:13	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	630-20-6	W
1,1,1-Trichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	71-55-6	W
1,1,2,2-Tetrachloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	79-34-5	W
1,1,2-Trichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	79-00-5	W
1,1-Dichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	75-34-3	W
1,1-Dichloroethene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	75-35-4	W
1,1-Dichloropropene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	563-58-6	W
1,2,3-Trichlorobenzene	< <b>47.3</b>	ug/kg	158	47.3	1	07/30/20 08:30	07/31/20 15:16	87-61-6	W
1,2,3-Trichloropropane	< <b>37.4</b>	ug/kg	125	37.4	1	07/30/20 08:30	07/31/20 15:16	96-18-4	W
1,2,4-Trichlorobenzene	< <b>41.7</b>	ug/kg	250	41.7	1	07/30/20 08:30	07/31/20 15:16	120-82-1	W
1,2,4-Trimethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	95-63-6	W
1,2-Dibromo-3-chloropropane	< <b>237</b>	ug/kg	789	237	1	07/30/20 08:30	07/31/20 15:16	96-12-8	W
1,2-Dibromoethane (EDB)	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	106-93-4	W
1,2-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	95-50-1	W
1,2-Dichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	107-06-2	W
1,2-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	78-87-5	W
1,3,5-Trimethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	108-67-8	W
1,3-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	541-73-1	W
1,3-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	142-28-9	W
1,4-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	106-46-7	W
2,2-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	594-20-7	W
2-Chlorotoluene	< <b>25.0</b>	ug/kg	64.0	25.0	1	07/30/20 08:30	07/31/20 15:16	95-49-8	W
4-Chlorotoluene	< <b>25.0</b>	ug/kg	64.0	25.0	1	07/30/20 08:30	07/31/20 15:16	106-43-4	W
Benzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	71-43-2	W
Bromobenzene	< <b>25.0</b>	ug/kg	62.0	25.0	1	07/30/20 08:30	07/31/20 15:16	108-86-1	W
Bromochloromethane	< <b>25.0</b>	ug/kg	70.0	25.0	1	07/30/20 08:30	07/31/20 15:16	74-97-5	W
Bromodichloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	75-27-4	W
Bromoform	< <b>25.0</b>	ug/kg	72.0	25.0	1	07/30/20 08:30	07/31/20 15:16	75-25-2	W
Bromomethane	< <b>63.8</b>	ug/kg	250	63.8	1	07/30/20 08:30	07/31/20 15:16	74-83-9	W
Carbon tetrachloride	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	56-23-5	W
Chlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	108-90-7	W
Chloroethane	< <b>46.4</b>	ug/kg	250	46.4	1	07/30/20 08:30	07/31/20 15:16	75-00-3	W
Chloroform	< <b>47.5</b>	ug/kg	250	47.5	1	07/30/20 08:30	07/31/20 15:16	67-66-3	W
Chloromethane	< <b>25.0</b>	ug/kg	80.0	25.0	1	07/30/20 08:30	07/31/20 15:16	74-87-3	W
Dibromochloromethane	< <b>229</b>	ug/kg	763	229	1	07/30/20 08:30	07/31/20 15:16	124-48-1	W
Dibromomethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	74-95-3	W
Dichlorodifluoromethane	< <b>25.0</b>	ug/kg	72.0	25.0	1	07/30/20 08:30	07/31/20 15:16	75-71-8	W
Diisopropyl ether	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	108-20-3	W
Ethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	100-41-4	W
Hexachloro-1,3-butadiene	< <b>68.7</b>	ug/kg	229	68.7	1	07/30/20 08:30	07/31/20 15:16	87-68-3	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-47 WALL 4'**      **Lab ID: 40211948004**      Collected: 07/27/20 10:30      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	178	ug/kg	72.2	30.1	1	07/30/20 08:30	07/31/20 15:16	98-82-8	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	07/30/20 08:30	07/31/20 15:16	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	07/30/20 08:30	07/31/20 15:16	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	100-42-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	07/30/20 08:30	07/31/20 15:16	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	07/30/20 08:30	07/31/20 15:16	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/30/20 08:30	07/31/20 15:16	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/30/20 08:30	07/31/20 15:16	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	07/30/20 08:30	07/31/20 15:16	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	07/30/20 08:30	07/31/20 15:16	104-51-8	W
n-Propylbenzene	188	ug/kg	72.2	30.1	1	07/30/20 08:30	07/31/20 15:16	103-65-1	
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	07/30/20 08:30	07/31/20 15:16	99-87-6	W
sec-Butylbenzene	77.2J	ug/kg	86.6	30.1	1	07/30/20 08:30	07/31/20 15:16	135-98-8	
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	07/30/20 08:30	07/31/20 15:16	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	07/30/20 08:30	07/31/20 15:16	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	07/30/20 08:30	07/31/20 15:16	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	94	%	58-145		1	07/30/20 08:30	07/31/20 15:16	1868-53-7	
Toluene-d8 (S)	97	%	56-140		1	07/30/20 08:30	07/31/20 15:16	2037-26-5	
4-Bromofluorobenzene (S)	102	%	52-137		1	07/30/20 08:30	07/31/20 15:16	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.9	%	0.10	0.10	1		08/10/20 11:34		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-48 WALL 2.5'** Lab ID: **40211948005** Collected: 07/27/20 09:30 Received: 07/29/20 14:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	3.3	mg/kg	2.3	0.69	1	07/31/20 05:53	07/31/20 13:15	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	563-58-6	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	08/05/20 10:00	08/07/20 12:35	87-61-6	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	08/05/20 10:00	08/07/20 12:35	96-18-4	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	08/05/20 10:00	08/07/20 12:35	120-82-1	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	95-63-6	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	08/05/20 10:00	08/07/20 12:35	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 12:35	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 12:35	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 12:35	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	08/05/20 10:00	08/07/20 12:35	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 12:35	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	08/05/20 10:00	08/07/20 12:35	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	08/05/20 10:00	08/07/20 12:35	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	08/05/20 10:00	08/07/20 12:35	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	08/05/20 10:00	08/07/20 12:35	74-87-3	W
Dibromochloromethane	<229	ug/kg	763	229	1	08/05/20 10:00	08/07/20 12:35	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 12:35	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	08/05/20 10:00	08/07/20 12:35	87-68-3	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-48 WALL 2.5'**      **Lab ID: 40211948005**      Collected: 07/27/20 09:30      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:00	08/07/20 12:35	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:00	08/07/20 12:35	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	100-42-5	W
Tetrachloroethene	194	ug/kg	156	46.9	1	08/05/20 10:00	08/07/20 12:35	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:00	08/07/20 12:35	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:00	08/07/20 12:35	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:00	08/07/20 12:35	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:00	08/07/20 12:35	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:35	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 12:35	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 12:35	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 12:35	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:00	08/07/20 12:35	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:00	08/07/20 12:35	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	58-145		1	08/05/20 10:00	08/07/20 12:35	1868-53-7	
Toluene-d8 (S)	102	%	56-140		1	08/05/20 10:00	08/07/20 12:35	2037-26-5	
4-Bromofluorobenzene (S)	89	%	52-137		1	08/05/20 10:00	08/07/20 12:35	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.5	%	0.10	0.10	1		08/10/20 11:34		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-49 WALL 4'** Lab ID: **40211948006** Collected: 07/27/20 10:35 Received: 07/29/20 14:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	<b>6.3</b>	mg/kg	2.3	0.69	1	07/31/20 05:53	07/31/20 13:18	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	630-20-6	W
1,1,1-Trichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	71-55-6	W
1,1,2,2-Tetrachloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	79-34-5	W
1,1,2-Trichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	79-00-5	W
1,1-Dichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	75-34-3	W
1,1-Dichloroethene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	75-35-4	W
1,1-Dichloropropene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	563-58-6	W
1,2,3-Trichlorobenzene	< <b>47.3</b>	ug/kg	158	47.3	1	08/05/20 10:00	08/07/20 12:58	87-61-6	W
1,2,3-Trichloropropane	< <b>37.4</b>	ug/kg	125	37.4	1	08/05/20 10:00	08/07/20 12:58	96-18-4	W
1,2,4-Trichlorobenzene	< <b>41.7</b>	ug/kg	250	41.7	1	08/05/20 10:00	08/07/20 12:58	120-82-1	W
1,2,4-Trimethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	95-63-6	W
1,2-Dibromo-3-chloropropane	< <b>237</b>	ug/kg	789	237	1	08/05/20 10:00	08/07/20 12:58	96-12-8	W
1,2-Dibromoethane (EDB)	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	106-93-4	W
1,2-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	95-50-1	W
1,2-Dichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	107-06-2	W
1,2-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	78-87-5	W
1,3,5-Trimethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	108-67-8	W
1,3-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	541-73-1	W
1,3-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	142-28-9	W
1,4-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	106-46-7	W
2,2-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	594-20-7	W
2-Chlorotoluene	< <b>25.0</b>	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 12:58	95-49-8	W
4-Chlorotoluene	< <b>25.0</b>	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 12:58	106-43-4	W
Benzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	71-43-2	W
Bromobenzene	< <b>25.0</b>	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 12:58	108-86-1	W
Bromochloromethane	< <b>25.0</b>	ug/kg	70.0	25.0	1	08/05/20 10:00	08/07/20 12:58	74-97-5	W
Bromodichloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	75-27-4	W
Bromoform	< <b>25.0</b>	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 12:58	75-25-2	W
Bromomethane	< <b>63.8</b>	ug/kg	250	63.8	1	08/05/20 10:00	08/07/20 12:58	74-83-9	W
Carbon tetrachloride	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	56-23-5	W
Chlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	108-90-7	W
Chloroethane	< <b>46.4</b>	ug/kg	250	46.4	1	08/05/20 10:00	08/07/20 12:58	75-00-3	W
Chloroform	< <b>47.5</b>	ug/kg	250	47.5	1	08/05/20 10:00	08/07/20 12:58	67-66-3	W
Chloromethane	< <b>25.0</b>	ug/kg	80.0	25.0	1	08/05/20 10:00	08/07/20 12:58	74-87-3	W
Dibromochloromethane	< <b>229</b>	ug/kg	763	229	1	08/05/20 10:00	08/07/20 12:58	124-48-1	W
Dibromomethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	74-95-3	W
Dichlorodifluoromethane	< <b>25.0</b>	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 12:58	75-71-8	W
Diisopropyl ether	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	108-20-3	W
Ethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	100-41-4	W
Hexachloro-1,3-butadiene	< <b>68.7</b>	ug/kg	229	68.7	1	08/05/20 10:00	08/07/20 12:58	87-68-3	W

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-49 WALL 4'**      **Lab ID: 40211948006**      Collected: 07/27/20 10:35      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:00	08/07/20 12:58	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:00	08/07/20 12:58	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	100-42-5	W
Tetrachloroethene	84.3J	ug/kg	153	46.0	1	08/05/20 10:00	08/07/20 12:58	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:00	08/07/20 12:58	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:00	08/07/20 12:58	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:00	08/07/20 12:58	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:00	08/07/20 12:58	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 12:58	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 12:58	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 12:58	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 12:58	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:00	08/07/20 12:58	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:00	08/07/20 12:58	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	58-145		1	08/05/20 10:00	08/07/20 12:58	1868-53-7	
Toluene-d8 (S)	104	%	56-140		1	08/05/20 10:00	08/07/20 12:58	2037-26-5	
4-Bromofluorobenzene (S)	92	%	52-137		1	08/05/20 10:00	08/07/20 12:58	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.8	%	0.10	0.10	1		08/10/20 11:34		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-50 FLOOR 9'**      **Lab ID: 40211948007**      Collected: 07/27/20 09:45      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	6.4	mg/kg	2.3	0.69	1	07/31/20 05:53	07/31/20 13:20	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	563-58-6	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	08/05/20 10:00	08/07/20 13:20	87-61-6	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	08/05/20 10:00	08/07/20 13:20	96-18-4	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	08/05/20 10:00	08/07/20 13:20	120-82-1	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	95-63-6	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	08/05/20 10:00	08/07/20 13:20	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 13:20	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 13:20	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 13:20	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	08/05/20 10:00	08/07/20 13:20	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 13:20	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	08/05/20 10:00	08/07/20 13:20	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	08/05/20 10:00	08/07/20 13:20	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	08/05/20 10:00	08/07/20 13:20	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	08/05/20 10:00	08/07/20 13:20	74-87-3	W
Dibromochloromethane	<229	ug/kg	763	229	1	08/05/20 10:00	08/07/20 13:20	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 13:20	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	08/05/20 10:00	08/07/20 13:20	87-68-3	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-50 FLOOR 9<sup>l</sup>**      **Lab ID: 40211948007**      Collected: 07/27/20 09:45      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:00	08/07/20 13:20	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:00	08/07/20 13:20	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	100-42-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	08/05/20 10:00	08/07/20 13:20	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:00	08/07/20 13:20	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:00	08/07/20 13:20	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:00	08/07/20 13:20	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:00	08/07/20 13:20	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:20	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 13:20	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 13:20	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 13:20	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:00	08/07/20 13:20	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:00	08/07/20 13:20	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	58-145		1	08/05/20 10:00	08/07/20 13:20	1868-53-7	
Toluene-d8 (S)	106	%	56-140		1	08/05/20 10:00	08/07/20 13:20	2037-26-5	
4-Bromofluorobenzene (S)	98	%	52-137		1	08/05/20 10:00	08/07/20 13:20	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.4	%	0.10	0.10	1		08/10/20 11:34		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-51 FLOOR 11' Lab ID: 40211948008** Collected: 07/27/20 12:30 Received: 07/29/20 14:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	<b>6.0</b>	mg/kg	2.4	0.71	1	07/31/20 05:53	07/31/20 13:23	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	630-20-6	W
1,1,1-Trichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	71-55-6	W
1,1,2,2-Tetrachloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	79-34-5	W
1,1,2-Trichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	79-00-5	W
1,1-Dichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	75-34-3	W
1,1-Dichloroethene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	75-35-4	W
1,1-Dichloropropene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	563-58-6	W
1,2,3-Trichlorobenzene	< <b>47.3</b>	ug/kg	158	47.3	1	08/05/20 10:00	08/07/20 13:43	87-61-6	W
1,2,3-Trichloropropane	< <b>37.4</b>	ug/kg	125	37.4	1	08/05/20 10:00	08/07/20 13:43	96-18-4	W
1,2,4-Trichlorobenzene	< <b>41.7</b>	ug/kg	250	41.7	1	08/05/20 10:00	08/07/20 13:43	120-82-1	W
1,2,4-Trimethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	95-63-6	W
1,2-Dibromo-3-chloropropane	< <b>237</b>	ug/kg	789	237	1	08/05/20 10:00	08/07/20 13:43	96-12-8	W
1,2-Dibromoethane (EDB)	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	106-93-4	W
1,2-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	95-50-1	W
1,2-Dichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	107-06-2	W
1,2-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	78-87-5	W
1,3,5-Trimethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	108-67-8	W
1,3-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	541-73-1	W
1,3-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	142-28-9	W
1,4-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	106-46-7	W
2,2-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	594-20-7	W
2-Chlorotoluene	< <b>25.0</b>	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 13:43	95-49-8	W
4-Chlorotoluene	< <b>25.0</b>	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 13:43	106-43-4	W
Benzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	71-43-2	W
Bromobenzene	< <b>25.0</b>	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 13:43	108-86-1	W
Bromochloromethane	< <b>25.0</b>	ug/kg	70.0	25.0	1	08/05/20 10:00	08/07/20 13:43	74-97-5	W
Bromodichloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	75-27-4	W
Bromoform	< <b>25.0</b>	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 13:43	75-25-2	W
Bromomethane	< <b>63.8</b>	ug/kg	250	63.8	1	08/05/20 10:00	08/07/20 13:43	74-83-9	W
Carbon tetrachloride	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	56-23-5	W
Chlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	108-90-7	W
Chloroethane	< <b>46.4</b>	ug/kg	250	46.4	1	08/05/20 10:00	08/07/20 13:43	75-00-3	W
Chloroform	< <b>47.5</b>	ug/kg	250	47.5	1	08/05/20 10:00	08/07/20 13:43	67-66-3	W
Chloromethane	< <b>25.0</b>	ug/kg	80.0	25.0	1	08/05/20 10:00	08/07/20 13:43	74-87-3	W
Dibromochloromethane	< <b>229</b>	ug/kg	763	229	1	08/05/20 10:00	08/07/20 13:43	124-48-1	W
Dibromomethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	74-95-3	W
Dichlorodifluoromethane	< <b>25.0</b>	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 13:43	75-71-8	W
Diisopropyl ether	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	108-20-3	W
Ethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	100-41-4	W
Hexachloro-1,3-butadiene	< <b>68.7</b>	ug/kg	229	68.7	1	08/05/20 10:00	08/07/20 13:43	87-68-3	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-51 FLOOR 11' Lab ID: 40211948008** Collected: 07/27/20 12:30 Received: 07/29/20 14:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:00	08/07/20 13:43	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:00	08/07/20 13:43	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	100-42-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	08/05/20 10:00	08/07/20 13:43	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:00	08/07/20 13:43	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:00	08/07/20 13:43	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:00	08/07/20 13:43	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:00	08/07/20 13:43	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 13:43	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 13:43	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 13:43	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 13:43	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:00	08/07/20 13:43	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:00	08/07/20 13:43	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	58-145		1	08/05/20 10:00	08/07/20 13:43	1868-53-7	
Toluene-d8 (S)	103	%	56-140		1	08/05/20 10:00	08/07/20 13:43	2037-26-5	
4-Bromofluorobenzene (S)	94	%	52-137		1	08/05/20 10:00	08/07/20 13:43	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.2	%	0.10	0.10	1		08/10/20 11:34		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

**Sample: EX-52 SE CORNER 2.5'**      **Lab ID: 40211948009**      Collected: 07/28/20 10:40      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	6.7	mg/kg	2.3	0.68	1	07/31/20 05:53	07/31/20 13:25	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	563-58-6	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	08/05/20 10:00	08/07/20 14:06	87-61-6	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	08/05/20 10:00	08/07/20 14:06	96-18-4	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	08/05/20 10:00	08/07/20 14:06	120-82-1	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	95-63-6	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	08/05/20 10:00	08/07/20 14:06	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 14:06	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 14:06	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 14:06	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	08/05/20 10:00	08/07/20 14:06	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:06	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	08/05/20 10:00	08/07/20 14:06	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	08/05/20 10:00	08/07/20 14:06	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	08/05/20 10:00	08/07/20 14:06	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	08/05/20 10:00	08/07/20 14:06	74-87-3	W
Dibromochloromethane	<229	ug/kg	763	229	1	08/05/20 10:00	08/07/20 14:06	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:06	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	08/05/20 10:00	08/07/20 14:06	87-68-3	W

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-52 SE CORNER 2.5'**      **Lab ID: 40211948009**      Collected: 07/28/20 10:40      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:00	08/07/20 14:06	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:00	08/07/20 14:06	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	100-42-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	08/05/20 10:00	08/07/20 14:06	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:00	08/07/20 14:06	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:00	08/07/20 14:06	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:00	08/07/20 14:06	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:00	08/07/20 14:06	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:06	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:06	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:06	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 14:06	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:00	08/07/20 14:06	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:00	08/07/20 14:06	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	95	%	58-145		1	08/05/20 10:00	08/07/20 14:06	1868-53-7	
Toluene-d8 (S)	95	%	56-140		1	08/05/20 10:00	08/07/20 14:06	2037-26-5	
4-Bromofluorobenzene (S)	87	%	52-137		1	08/05/20 10:00	08/07/20 14:06	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.9	%	0.10	0.10	1		08/10/20 11:35		

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## ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

Sample: EX-53 E WALL 2' Lab ID: 40211948010 Collected: 07/28/20 11:45 Received: 07/29/20 14:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	7.6	mg/kg	2.3	0.69	1	07/31/20 05:53	07/31/20 13:32	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	563-58-6	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	08/05/20 10:00	08/07/20 14:29	87-61-6	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	08/05/20 10:00	08/07/20 14:29	96-18-4	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	08/05/20 10:00	08/07/20 14:29	120-82-1	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	95-63-6	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	08/05/20 10:00	08/07/20 14:29	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 14:29	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 14:29	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 14:29	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	08/05/20 10:00	08/07/20 14:29	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:29	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	08/05/20 10:00	08/07/20 14:29	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	08/05/20 10:00	08/07/20 14:29	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	08/05/20 10:00	08/07/20 14:29	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	08/05/20 10:00	08/07/20 14:29	74-87-3	W
Dibromochloromethane	<229	ug/kg	763	229	1	08/05/20 10:00	08/07/20 14:29	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:29	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	08/05/20 10:00	08/07/20 14:29	87-68-3	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-53 E WALL 2'**      **Lab ID: 40211948010**      Collected: 07/28/20 11:45      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:00	08/07/20 14:29	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:00	08/07/20 14:29	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	100-42-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	08/05/20 10:00	08/07/20 14:29	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:00	08/07/20 14:29	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:00	08/07/20 14:29	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:00	08/07/20 14:29	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:00	08/07/20 14:29	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:29	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:29	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:29	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 14:29	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:00	08/07/20 14:29	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:00	08/07/20 14:29	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	100	%	58-145		1	08/05/20 10:00	08/07/20 14:29	1868-53-7	
Toluene-d8 (S)	95	%	56-140		1	08/05/20 10:00	08/07/20 14:29	2037-26-5	
4-Bromofluorobenzene (S)	85	%	52-137		1	08/05/20 10:00	08/07/20 14:29	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.2	%	0.10	0.10	1		08/10/20 11:35		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-54 E WALL 6'**      **Lab ID: 40211948011**      Collected: 07/28/20 11:40      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	7.4	mg/kg	2.3	0.69	1	07/31/20 05:53	07/31/20 13:35	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	563-58-6	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	08/05/20 10:00	08/07/20 14:52	87-61-6	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	08/05/20 10:00	08/07/20 14:52	96-18-4	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	08/05/20 10:00	08/07/20 14:52	120-82-1	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	95-63-6	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	08/05/20 10:00	08/07/20 14:52	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 14:52	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 14:52	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 14:52	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	08/05/20 10:00	08/07/20 14:52	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:52	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	08/05/20 10:00	08/07/20 14:52	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	08/05/20 10:00	08/07/20 14:52	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	08/05/20 10:00	08/07/20 14:52	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	08/05/20 10:00	08/07/20 14:52	74-87-3	W
Dibromochloromethane	<229	ug/kg	763	229	1	08/05/20 10:00	08/07/20 14:52	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:52	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	08/05/20 10:00	08/07/20 14:52	87-68-3	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-54 E WALL 6'**      **Lab ID: 40211948011**      Collected: 07/28/20 11:40      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:00	08/07/20 14:52	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:00	08/07/20 14:52	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	100-42-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	08/05/20 10:00	08/07/20 14:52	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:00	08/07/20 14:52	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:00	08/07/20 14:52	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:00	08/07/20 14:52	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:00	08/07/20 14:52	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 14:52	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:52	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 14:52	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 14:52	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:00	08/07/20 14:52	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:00	08/07/20 14:52	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	58-145		1	08/05/20 10:00	08/07/20 14:52	1868-53-7	
Toluene-d8 (S)	112	%	56-140		1	08/05/20 10:00	08/07/20 14:52	2037-26-5	
4-Bromofluorobenzene (S)	101	%	52-137		1	08/05/20 10:00	08/07/20 14:52	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.6	%	0.10	0.10	1		07/29/20 16:54		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-55 W WALL 6'**      **Lab ID: 40211948012**      Collected: 07/28/20 11:30      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	5.5	mg/kg	2.3	0.70	1	07/31/20 05:53	07/31/20 13:37	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	563-58-6	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	08/05/20 10:00	08/07/20 15:15	87-61-6	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	08/05/20 10:00	08/07/20 15:15	96-18-4	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	08/05/20 10:00	08/07/20 15:15	120-82-1	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	95-63-6	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	08/05/20 10:00	08/07/20 15:15	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 15:15	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:00	08/07/20 15:15	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 15:15	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	08/05/20 10:00	08/07/20 15:15	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 15:15	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	08/05/20 10:00	08/07/20 15:15	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	08/05/20 10:00	08/07/20 15:15	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	08/05/20 10:00	08/07/20 15:15	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	08/05/20 10:00	08/07/20 15:15	74-87-3	W
Dibromochloromethane	<229	ug/kg	763	229	1	08/05/20 10:00	08/07/20 15:15	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 15:15	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	08/05/20 10:00	08/07/20 15:15	87-68-3	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-55 W WALL 6'**      **Lab ID: 40211948012**      Collected: 07/28/20 11:30      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:00	08/07/20 15:15	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:00	08/07/20 15:15	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	100-42-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	08/05/20 10:00	08/07/20 15:15	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:00	08/07/20 15:15	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:00	08/07/20 15:15	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:00	08/07/20 15:15	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:00	08/07/20 15:15	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:00	08/07/20 15:15	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 15:15	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:00	08/07/20 15:15	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:00	08/07/20 15:15	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:00	08/07/20 15:15	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:00	08/07/20 15:15	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	58-145		1	08/05/20 10:00	08/07/20 15:15	1868-53-7	
Toluene-d8 (S)	115	%	56-140		1	08/05/20 10:00	08/07/20 15:15	2037-26-5	
4-Bromofluorobenzene (S)	104	%	52-137		1	08/05/20 10:00	08/07/20 15:15	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.0	%	0.10	0.10	1		08/10/20 11:35		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-56 SE FLOOR 7' Lab ID: 40211948013 Collected: 07/28/20 10:45 Received: 07/29/20 14:10 Matrix: Solid**

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	6.6	mg/kg	2.2	0.67	1	07/31/20 05:53	07/31/20 13:40	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	563-58-6	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	08/05/20 10:15	08/06/20 18:28	87-61-6	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	08/05/20 10:15	08/06/20 18:28	96-18-4	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	08/05/20 10:15	08/06/20 18:28	120-82-1	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	95-63-6	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	08/05/20 10:15	08/06/20 18:28	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:15	08/06/20 18:28	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:15	08/06/20 18:28	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:15	08/06/20 18:28	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	08/05/20 10:15	08/06/20 18:28	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 18:28	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	08/05/20 10:15	08/06/20 18:28	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	08/05/20 10:15	08/06/20 18:28	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	08/05/20 10:15	08/06/20 18:28	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	08/05/20 10:15	08/06/20 18:28	74-87-3	W
Dibromochloromethane	<229	ug/kg	763	229	1	08/05/20 10:15	08/06/20 18:28	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 18:28	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	08/05/20 10:15	08/06/20 18:28	87-68-3	W

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-56 SE FLOOR 7' Lab ID: 40211948013** Collected: 07/28/20 10:45 Received: 07/29/20 14:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:15	08/06/20 18:28	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:15	08/06/20 18:28	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	100-42-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	08/05/20 10:15	08/06/20 18:28	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:15	08/06/20 18:28	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:15	08/06/20 18:28	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:15	08/06/20 18:28	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:15	08/06/20 18:28	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:28	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 18:28	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 18:28	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:15	08/06/20 18:28	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:15	08/06/20 18:28	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:15	08/06/20 18:28	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	58-145		1	08/05/20 10:15	08/06/20 18:28	1868-53-7	
Toluene-d8 (S)	107	%	56-140		1	08/05/20 10:15	08/06/20 18:28	2037-26-5	
4-Bromofluorobenzene (S)	100	%	52-137		1	08/05/20 10:15	08/06/20 18:28	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.5	%	0.10	0.10	1		08/10/20 11:35		

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-57 SW WALL 3'**      **Lab ID: 40211948014**      Collected: 07/28/20 10:30      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	<b>6.9</b>	mg/kg	2.3	0.69	1	08/03/20 07:33	08/03/20 20:40	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	630-20-6	W
1,1,1-Trichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	71-55-6	W
1,1,2,2-Tetrachloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	79-34-5	W
1,1,2-Trichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	79-00-5	W
1,1-Dichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	75-34-3	W
1,1-Dichloroethene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	75-35-4	W
1,1-Dichloropropene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	563-58-6	W
1,2,3-Trichlorobenzene	< <b>47.3</b>	ug/kg	158	47.3	1	08/05/20 10:15	08/06/20 18:51	87-61-6	W
1,2,3-Trichloropropane	< <b>37.4</b>	ug/kg	125	37.4	1	08/05/20 10:15	08/06/20 18:51	96-18-4	W
1,2,4-Trichlorobenzene	< <b>41.7</b>	ug/kg	250	41.7	1	08/05/20 10:15	08/06/20 18:51	120-82-1	W
1,2,4-Trimethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	95-63-6	W
1,2-Dibromo-3-chloropropane	< <b>237</b>	ug/kg	789	237	1	08/05/20 10:15	08/06/20 18:51	96-12-8	W
1,2-Dibromoethane (EDB)	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	106-93-4	W
1,2-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	95-50-1	W
1,2-Dichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	107-06-2	W
1,2-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	78-87-5	W
1,3,5-Trimethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	108-67-8	W
1,3-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	541-73-1	W
1,3-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	142-28-9	W
1,4-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	106-46-7	W
2,2-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	594-20-7	W
2-Chlorotoluene	< <b>25.0</b>	ug/kg	64.0	25.0	1	08/05/20 10:15	08/06/20 18:51	95-49-8	W
4-Chlorotoluene	< <b>25.0</b>	ug/kg	64.0	25.0	1	08/05/20 10:15	08/06/20 18:51	106-43-4	W
Benzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	71-43-2	W
Bromobenzene	< <b>25.0</b>	ug/kg	62.0	25.0	1	08/05/20 10:15	08/06/20 18:51	108-86-1	W
Bromochloromethane	< <b>25.0</b>	ug/kg	70.0	25.0	1	08/05/20 10:15	08/06/20 18:51	74-97-5	W
Bromodichloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	75-27-4	W
Bromoform	< <b>25.0</b>	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 18:51	75-25-2	W
Bromomethane	< <b>63.8</b>	ug/kg	250	63.8	1	08/05/20 10:15	08/06/20 18:51	74-83-9	W
Carbon tetrachloride	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	56-23-5	W
Chlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	108-90-7	W
Chloroethane	< <b>46.4</b>	ug/kg	250	46.4	1	08/05/20 10:15	08/06/20 18:51	75-00-3	W
Chloroform	< <b>47.5</b>	ug/kg	250	47.5	1	08/05/20 10:15	08/06/20 18:51	67-66-3	W
Chloromethane	< <b>25.0</b>	ug/kg	80.0	25.0	1	08/05/20 10:15	08/06/20 18:51	74-87-3	W
Dibromochloromethane	< <b>229</b>	ug/kg	763	229	1	08/05/20 10:15	08/06/20 18:51	124-48-1	W
Dibromomethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	74-95-3	W
Dichlorodifluoromethane	< <b>25.0</b>	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 18:51	75-71-8	W
Diisopropyl ether	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	108-20-3	W
Ethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	100-41-4	W
Hexachloro-1,3-butadiene	< <b>68.7</b>	ug/kg	229	68.7	1	08/05/20 10:15	08/06/20 18:51	87-68-3	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

**Sample: EX-57 SW WALL 3'**      **Lab ID: 40211948014**      Collected: 07/28/20 10:30      Received: 07/29/20 14:10      Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:15	08/06/20 18:51	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:15	08/06/20 18:51	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	100-42-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	08/05/20 10:15	08/06/20 18:51	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:15	08/06/20 18:51	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:15	08/06/20 18:51	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:15	08/06/20 18:51	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:15	08/06/20 18:51	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 18:51	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 18:51	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 18:51	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:15	08/06/20 18:51	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:15	08/06/20 18:51	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:15	08/06/20 18:51	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	58-145		1	08/05/20 10:15	08/06/20 18:51	1868-53-7	
Toluene-d8 (S)	98	%	56-140		1	08/05/20 10:15	08/06/20 18:51	2037-26-5	
4-Bromofluorobenzene (S)	93	%	52-137		1	08/05/20 10:15	08/06/20 18:51	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.1	%	0.10	0.10	1		07/31/20 14:20		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

Sample: EX-58 FLOOR UNDER 10' Lab ID: 40211948015 Collected: 07/28/20 11:20 Received: 07/29/20 14:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Green Bay									
Lead	7.7	mg/kg	2.2	0.66	1	08/03/20 07:33	08/03/20 20:50	7439-92-1	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	630-20-6	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	79-34-5	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	79-00-5	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	75-34-3	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	75-35-4	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	563-58-6	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	08/05/20 10:15	08/06/20 19:15	87-61-6	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	08/05/20 10:15	08/06/20 19:15	96-18-4	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	08/05/20 10:15	08/06/20 19:15	120-82-1	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	95-63-6	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	08/05/20 10:15	08/06/20 19:15	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	106-93-4	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	95-50-1	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	107-06-2	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	78-87-5	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	108-67-8	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	541-73-1	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	142-28-9	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:15	08/06/20 19:15	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	08/05/20 10:15	08/06/20 19:15	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:15	08/06/20 19:15	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	08/05/20 10:15	08/06/20 19:15	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 19:15	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	08/05/20 10:15	08/06/20 19:15	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	08/05/20 10:15	08/06/20 19:15	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	08/05/20 10:15	08/06/20 19:15	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	08/05/20 10:15	08/06/20 19:15	74-87-3	W
Dibromochloromethane	<229	ug/kg	763	229	1	08/05/20 10:15	08/06/20 19:15	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 19:15	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	08/05/20 10:15	08/06/20 19:15	87-68-3	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

Sample: EX-58 FLOOR UNDER 10' Lab ID: 40211948015 Collected: 07/28/20 11:20 Received: 07/29/20 14:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	1634-04-4	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	08/05/20 10:15	08/06/20 19:15	75-09-2	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	08/05/20 10:15	08/06/20 19:15	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	100-42-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	08/05/20 10:15	08/06/20 19:15	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	08/05/20 10:15	08/06/20 19:15	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/05/20 10:15	08/06/20 19:15	1330-20-7	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	156-59-2	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	08/05/20 10:15	08/06/20 19:15	10061-01-5	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	08/05/20 10:15	08/06/20 19:15	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/05/20 10:15	08/06/20 19:15	103-65-1	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 19:15	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	08/05/20 10:15	08/06/20 19:15	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	08/05/20 10:15	08/06/20 19:15	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	08/05/20 10:15	08/06/20 19:15	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	08/05/20 10:15	08/06/20 19:15	10061-02-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	58-145		1	08/05/20 10:15	08/06/20 19:15	1868-53-7	
Toluene-d8 (S)	101	%	56-140		1	08/05/20 10:15	08/06/20 19:15	2037-26-5	
4-Bromofluorobenzene (S)	96	%	52-137		1	08/05/20 10:15	08/06/20 19:15	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.1	%	0.10	0.10	1		07/31/20 14:20		

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

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QC Batch: 361631 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40211948004, 40211948005, 40211948006, 40211948007, 40211948008, 40211948009, 40211948010, 40211948011, 40211948012, 40211948013

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METHOD BLANK: 2090540 Matrix: Solid  
Associated Lab Samples: 40211948004, 40211948005, 40211948006, 40211948007, 40211948008, 40211948009, 40211948010, 40211948011, 40211948012, 40211948013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.60	2.0	07/31/20 12:24	

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LABORATORY CONTROL SAMPLE: 2090541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	47.6	95	80-120	

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2090542 2090543

Parameter	Units	40211864002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	49.5	70	70	115	112	94	89	75-125	3	20	

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

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

QC Batch: 361854

Analysis Method: EPA 6010

QC Batch Method: EPA 3050

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40211948014, 40211948015

METHOD BLANK: 2092056

Matrix: Solid

Associated Lab Samples: 40211948014, 40211948015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.60	2.0	08/03/20 20:26	

LABORATORY CONTROL SAMPLE: 2092057

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	53.4	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2092058 2092059

Parameter	Units	2092058		2092059		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40211932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Lead	mg/kg	2.3	54.1	54.2	53.2	53.1	94	94	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.

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

QC Batch: 361672 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40211948001, 40211948002, 40211948003, 40211948004

METHOD BLANK: 2090719 Matrix: Solid  
Associated Lab Samples: 40211948001, 40211948002, 40211948003, 40211948004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<7.8	50.0	07/30/20 17:57	
1,1,1-Trichloroethane	ug/kg	<13.5	50.0	07/30/20 17:57	
1,1,2,2-Tetrachloroethane	ug/kg	<15.7	52.0	07/30/20 17:57	
1,1,2-Trichloroethane	ug/kg	<15.7	52.0	07/30/20 17:57	
1,1-Dichloroethane	ug/kg	<13.5	50.0	07/30/20 17:57	
1,1-Dichloroethene	ug/kg	<11.8	50.0	07/30/20 17:57	
1,1-Dichloropropene	ug/kg	<10.7	50.0	07/30/20 17:57	
1,2,3-Trichlorobenzene	ug/kg	<47.3	158	07/30/20 17:57	
1,2,3-Trichloropropane	ug/kg	<37.4	125	07/30/20 17:57	
1,2,4-Trichlorobenzene	ug/kg	<41.7	250	07/30/20 17:57	
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	07/30/20 17:57	
1,2-Dibromo-3-chloropropane	ug/kg	<237	789	07/30/20 17:57	
1,2-Dibromoethane (EDB)	ug/kg	<17.0	57.0	07/30/20 17:57	
1,2-Dichlorobenzene	ug/kg	<13.1	50.0	07/30/20 17:57	
1,2-Dichloroethane	ug/kg	<13.8	50.0	07/30/20 17:57	
1,2-Dichloropropane	ug/kg	<13.5	50.0	07/30/20 17:57	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	07/30/20 17:57	
1,3-Dichlorobenzene	ug/kg	<13.0	50.0	07/30/20 17:57	
1,3-Dichloropropane	ug/kg	<11.0	50.0	07/30/20 17:57	
1,4-Dichlorobenzene	ug/kg	<12.0	50.0	07/30/20 17:57	
2,2-Dichloropropane	ug/kg	<15.7	52.0	07/30/20 17:57	
2-Chlorotoluene	ug/kg	<19.3	64.0	07/30/20 17:57	
4-Chlorotoluene	ug/kg	<19.3	64.0	07/30/20 17:57	
Benzene	ug/kg	<12.5	42.0	07/30/20 17:57	
Bromobenzene	ug/kg	<18.5	62.0	07/30/20 17:57	
Bromochloromethane	ug/kg	<20.9	70.0	07/30/20 17:57	
Bromodichloromethane	ug/kg	<10.0	50.0	07/30/20 17:57	
Bromoform	ug/kg	<21.6	72.0	07/30/20 17:57	
Bromomethane	ug/kg	<63.8	250	07/30/20 17:57	
Carbon tetrachloride	ug/kg	<7.5	50.0	07/30/20 17:57	
Chlorobenzene	ug/kg	<16.8	56.0	07/30/20 17:57	
Chloroethane	ug/kg	<46.4	250	07/30/20 17:57	
Chloroform	ug/kg	<47.5	250	07/30/20 17:57	
Chloromethane	ug/kg	<24.0	80.0	07/30/20 17:57	
cis-1,2-Dichloroethene	ug/kg	<14.8	50.0	07/30/20 17:57	
cis-1,3-Dichloropropene	ug/kg	<42.3	141	07/30/20 17:57	
Dibromochloromethane	ug/kg	<229	763	07/30/20 17:57	
Dibromomethane	ug/kg	<17.7	59.0	07/30/20 17:57	
Dichlorodifluoromethane	ug/kg	<21.7	72.0	07/30/20 17:57	
Diisopropyl ether	ug/kg	<14.0	50.0	07/30/20 17:57	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

METHOD BLANK: 2090719 Matrix: Solid  
Associated Lab Samples: 40211948001, 40211948002, 40211948003, 40211948004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<14.5	50.0	07/30/20 17:57	
Hexachloro-1,3-butadiene	ug/kg	<68.7	229	07/30/20 17:57	
Isopropylbenzene (Cumene)	ug/kg	<17.7	59.0	07/30/20 17:57	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	07/30/20 17:57	
Methylene Chloride	ug/kg	<26.3	88.0	07/30/20 17:57	
n-Butylbenzene	ug/kg	<30.0	100	07/30/20 17:57	
n-Propylbenzene	ug/kg	<17.8	59.0	07/30/20 17:57	
Naphthalene	ug/kg	<27.3	91.0	07/30/20 17:57	
p-Isopropyltoluene	ug/kg	<21.7	72.0	07/30/20 17:57	
sec-Butylbenzene	ug/kg	<21.5	72.0	07/30/20 17:57	
Styrene	ug/kg	<12.3	50.0	07/30/20 17:57	
tert-Butylbenzene	ug/kg	<18.7	62.0	07/30/20 17:57	
Tetrachloroethene	ug/kg	<38.7	129	07/30/20 17:57	
Toluene	ug/kg	<13.1	50.0	07/30/20 17:57	
trans-1,2-Dichloroethene	ug/kg	<20.2	67.0	07/30/20 17:57	
trans-1,3-Dichloropropene	ug/kg	<22.2	74.0	07/30/20 17:57	
Trichloroethene	ug/kg	<12.8	50.0	07/30/20 17:57	
Trichlorofluoromethane	ug/kg	<19.6	65.0	07/30/20 17:57	
Vinyl chloride	ug/kg	<14.5	50.0	07/30/20 17:57	
Xylene (Total)	ug/kg	<50.5	168	07/30/20 17:57	
4-Bromofluorobenzene (S)	%	104	52-137	07/30/20 17:57	
Dibromofluoromethane (S)	%	99	58-145	07/30/20 17:57	
Toluene-d8 (S)	%	104	56-140	07/30/20 17:57	

LABORATORY CONTROL SAMPLE: 2090720

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2570	103	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2490	100	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2310	92	70-130	
1,1-Dichloroethane	ug/kg	2500	2520	101	69-143	
1,1-Dichloroethene	ug/kg	2500	2490	100	73-118	
1,2,4-Trichlorobenzene	ug/kg	2500	2570	103	60-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2420	97	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2440	97	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2430	97	70-130	
1,2-Dichloropropane	ug/kg	2500	2550	102	78-126	
1,3-Dichlorobenzene	ug/kg	2500	2620	105	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2600	104	70-130	
Benzene	ug/kg	2500	2500	100	70-130	
Bromodichloromethane	ug/kg	2500	2430	97	70-130	
Bromoform	ug/kg	2500	2260	90	67-130	
Bromomethane	ug/kg	2500	2270	91	45-134	

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

LABORATORY CONTROL SAMPLE: 2090720

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2490	100	70-130	
Chlorobenzene	ug/kg	2500	2480	99	70-130	
Chloroethane	ug/kg	2500	2610	105	58-143	
Chloroform	ug/kg	2500	2470	99	76-122	
Chloromethane	ug/kg	2500	2810	112	45-120	
cis-1,2-Dichloroethene	ug/kg	2500	2340	93	69-130	
cis-1,3-Dichloropropene	ug/kg	2500	2410	96	70-130	
Dibromochloromethane	ug/kg	2500	2510	100	70-130	
Dichlorodifluoromethane	ug/kg	2500	2070	83	26-99	
Ethylbenzene	ug/kg	2500	2700	108	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2760	111	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2370	95	70-130	
Methylene Chloride	ug/kg	2500	2390	96	70-130	
Styrene	ug/kg	2500	2750	110	70-130	
Tetrachloroethene	ug/kg	2500	2400	96	70-130	
Toluene	ug/kg	2500	2570	103	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2410	96	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2540	102	70-130	
Trichloroethene	ug/kg	2500	2510	100	70-130	
Trichlorofluoromethane	ug/kg	2500	2590	104	70-128	
Vinyl chloride	ug/kg	2500	2460	99	53-110	
Xylene (Total)	ug/kg	7500	7950	106	70-130	
4-Bromofluorobenzene (S)	%			99	52-137	
Dibromofluoromethane (S)	%			92	58-145	
Toluene-d8 (S)	%			100	56-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2090721 2090722

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40211712006	Spike Conc.	MSD Spike Conc.	Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1450	1450	1370	1390	95	96	66-130	1	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1450	1450	1510	1450	104	100	70-133	4	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1450	1450	1400	1350	96	93	70-130	4	20		
1,1-Dichloroethane	ug/kg	<25.0	1450	1450	1460	1460	101	101	69-143	0	20		
1,1-Dichloroethene	ug/kg	<25.0	1450	1450	1320	1270	91	88	58-120	4	20		
1,2,4-Trichlorobenzene	ug/kg	<41.7	1450	1450	1840	1690	127	117	60-130	8	20		
1,2-Dibromo-3-chloropropane	ug/kg	<237	1450	1450	1480	1430	102	99	59-136	3	20		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1450	1450	1450	1430	100	99	70-130	1	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1450	1450	1610	1580	111	109	70-130	2	20		
1,2-Dichloroethane	ug/kg	<25.0	1450	1450	1440	1410	100	98	70-136	2	20		
1,2-Dichloropropane	ug/kg	<25.0	1450	1450	1490	1450	103	100	78-128	2	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1450	1450	1650	1570	114	109	70-130	4	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1450	1450	1650	1590	114	110	70-130	4	20		
Benzene	ug/kg	<25.0	1450	1450	1460	1470	101	101	70-130	1	20		

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Project No.: 40211948

Parameter	Units	2090721		2090722		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40211712006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Bromodichloromethane	ug/kg	<25.0	1450	1450	1390	1380	96	96	70-130	0	20	
Bromoform	ug/kg	<25.0	1450	1450	1380	1360	95	94	63-130	1	20	
Bromomethane	ug/kg	<63.8	1450	1450	1310	1270	90	88	33-146	3	20	
Carbon tetrachloride	ug/kg	<25.0	1450	1450	1310	1360	91	94	65-130	3	20	
Chlorobenzene	ug/kg	<25.0	1450	1450	1470	1390	101	96	70-130	5	20	
Chloroethane	ug/kg	<46.4	1450	1450	1490	1440	103	100	46-156	4	20	
Chloroform	ug/kg	<47.5	1450	1450	1430	1440	99	100	75-130	1	20	
Chloromethane	ug/kg	<25.0	1450	1450	1700	1660	117	115	20-139	2	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1450	1450	1350	1390	93	96	69-130	3	20	
cis-1,3-Dichloropropene	ug/kg	<42.3	1450	1450	1410	1370	98	95	70-130	3	20	
Dibromochloromethane	ug/kg	<229	1450	1450	1480	1380	102	95	70-130	7	20	
Dichlorodifluoromethane	ug/kg	<25.0	1450	1450	1260	1260	87	87	10-99	0	22	
Ethylbenzene	ug/kg	<25.0	1450	1450	1510	1470	104	102	80-120	3	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1450	1450	1560	1490	108	103	70-130	4	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1450	1450	1360	1400	94	96	70-130	2	20	
Methylene Chloride	ug/kg	<26.3	1450	1450	1390	1350	96	94	70-136	3	20	
Styrene	ug/kg	<25.0	1450	1450	1590	1490	110	103	70-130	6	20	
Tetrachloroethene	ug/kg	5430	1450	1450	6820	6770	96	92	68-130	1	20	
Toluene	ug/kg	<25.0	1450	1450	1470	1420	102	98	80-120	4	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1450	1450	1370	1390	95	96	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1450	1450	1450	1410	100	98	70-130	3	20	
Trichloroethene	ug/kg	30.3J	1450	1450	1430	1380	97	93	70-130	4	20	
Trichlorofluoromethane	ug/kg	<25.0	1450	1450	1380	1390	95	96	53-128	1	20	
Vinyl chloride	ug/kg	<25.0	1450	1450	1410	1410	98	98	32-118	0	20	
Xylene (Total)	ug/kg	<75.0	4340	4340	4550	4370	105	101	70-130	4	20	
4-Bromofluorobenzene (S)	%						116	109	52-137			
Dibromofluoromethane (S)	%						106	105	58-145			
Toluene-d8 (S)	%						111	106	56-140			

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

QC Batch: 362145

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV Med Level Normal List

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40211948005, 40211948006, 40211948007, 40211948008, 40211948009, 40211948010, 40211948011, 40211948012

METHOD BLANK: 2093190

Matrix: Solid

Associated Lab Samples: 40211948005, 40211948006, 40211948007, 40211948008, 40211948009, 40211948010, 40211948011, 40211948012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<7.8	50.0	08/06/20 18:02	
1,1,1-Trichloroethane	ug/kg	<13.5	50.0	08/06/20 18:02	
1,1,2,2-Tetrachloroethane	ug/kg	<15.7	52.0	08/06/20 18:02	
1,1,2-Trichloroethane	ug/kg	<15.7	52.0	08/06/20 18:02	
1,1-Dichloroethane	ug/kg	<13.5	50.0	08/06/20 18:02	
1,1-Dichloroethene	ug/kg	<11.8	50.0	08/06/20 18:02	
1,1-Dichloropropene	ug/kg	<10.7	50.0	08/06/20 18:02	
1,2,3-Trichlorobenzene	ug/kg	<47.3	158	08/06/20 18:02	
1,2,3-Trichloropropane	ug/kg	<37.4	125	08/06/20 18:02	
1,2,4-Trichlorobenzene	ug/kg	<41.7	250	08/06/20 18:02	
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	08/06/20 18:02	
1,2-Dibromo-3-chloropropane	ug/kg	<237	789	08/06/20 18:02	
1,2-Dibromoethane (EDB)	ug/kg	<17.0	57.0	08/06/20 18:02	
1,2-Dichlorobenzene	ug/kg	<13.1	50.0	08/06/20 18:02	
1,2-Dichloroethane	ug/kg	<13.8	50.0	08/06/20 18:02	
1,2-Dichloropropane	ug/kg	<13.5	50.0	08/06/20 18:02	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	08/06/20 18:02	
1,3-Dichlorobenzene	ug/kg	<13.0	50.0	08/06/20 18:02	
1,3-Dichloropropane	ug/kg	<11.0	50.0	08/06/20 18:02	
1,4-Dichlorobenzene	ug/kg	<12.0	50.0	08/06/20 18:02	
2,2-Dichloropropane	ug/kg	<15.7	52.0	08/06/20 18:02	
2-Chlorotoluene	ug/kg	<19.3	64.0	08/06/20 18:02	
4-Chlorotoluene	ug/kg	<19.3	64.0	08/06/20 18:02	
Benzene	ug/kg	<12.5	42.0	08/06/20 18:02	
Bromobenzene	ug/kg	<18.5	62.0	08/06/20 18:02	
Bromochloromethane	ug/kg	<20.9	70.0	08/06/20 18:02	
Bromodichloromethane	ug/kg	<10.0	50.0	08/06/20 18:02	
Bromoform	ug/kg	<21.6	72.0	08/06/20 18:02	
Bromomethane	ug/kg	<63.8	250	08/06/20 18:02	
Carbon tetrachloride	ug/kg	<7.5	50.0	08/06/20 18:02	
Chlorobenzene	ug/kg	<16.8	56.0	08/06/20 18:02	
Chloroethane	ug/kg	<46.4	250	08/06/20 18:02	
Chloroform	ug/kg	<47.5	250	08/06/20 18:02	
Chloromethane	ug/kg	<24.0	80.0	08/06/20 18:02	
cis-1,2-Dichloroethene	ug/kg	<14.8	50.0	08/06/20 18:02	
cis-1,3-Dichloropropene	ug/kg	<42.3	141	08/06/20 18:02	
Dibromochloromethane	ug/kg	<229	763	08/06/20 18:02	
Dibromomethane	ug/kg	<17.7	59.0	08/06/20 18:02	
Dichlorodifluoromethane	ug/kg	<21.7	72.0	08/06/20 18:02	

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

METHOD BLANK: 2093190

Matrix: Solid

Associated Lab Samples: 40211948005, 40211948006, 40211948007, 40211948008, 40211948009, 40211948010, 40211948011, 40211948012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	<14.0	50.0	08/06/20 18:02	
Ethylbenzene	ug/kg	<14.5	50.0	08/06/20 18:02	
Hexachloro-1,3-butadiene	ug/kg	<68.7	229	08/06/20 18:02	
Isopropylbenzene (Cumene)	ug/kg	<17.7	59.0	08/06/20 18:02	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	08/06/20 18:02	
Methylene Chloride	ug/kg	<26.3	88.0	08/06/20 18:02	
n-Butylbenzene	ug/kg	<30.0	100	08/06/20 18:02	
n-Propylbenzene	ug/kg	<17.8	59.0	08/06/20 18:02	
Naphthalene	ug/kg	<27.3	91.0	08/06/20 18:02	
p-Isopropyltoluene	ug/kg	<21.7	72.0	08/06/20 18:02	
sec-Butylbenzene	ug/kg	<21.5	72.0	08/06/20 18:02	
Styrene	ug/kg	<12.3	50.0	08/06/20 18:02	
tert-Butylbenzene	ug/kg	<18.7	62.0	08/06/20 18:02	
Tetrachloroethene	ug/kg	<38.7	129	08/06/20 18:02	
Toluene	ug/kg	<13.1	50.0	08/06/20 18:02	
trans-1,2-Dichloroethene	ug/kg	<20.2	67.0	08/06/20 18:02	
trans-1,3-Dichloropropene	ug/kg	<22.2	74.0	08/06/20 18:02	
Trichloroethene	ug/kg	<12.8	50.0	08/06/20 18:02	
Trichlorofluoromethane	ug/kg	<19.6	65.0	08/06/20 18:02	
Vinyl chloride	ug/kg	<14.5	50.0	08/06/20 18:02	
Xylene (Total)	ug/kg	<50.5	168	08/06/20 18:02	
4-Bromofluorobenzene (S)	%	89	52-137	08/06/20 18:02	
Dibromofluoromethane (S)	%	96	58-145	08/06/20 18:02	
Toluene-d8 (S)	%	99	56-140	08/06/20 18:02	

LABORATORY CONTROL SAMPLE: 2093191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2300	92	70-130	
1,1,1,2-Tetrachloroethane	ug/kg	2500	2590	103	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2460	99	70-130	
1,1-Dichloroethane	ug/kg	2500	2530	101	69-143	
1,1-Dichloroethene	ug/kg	2500	2450	98	73-118	
1,2,4-Trichlorobenzene	ug/kg	2500	2340	93	60-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2170	87	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2530	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2400	96	70-130	
1,2-Dichloroethane	ug/kg	2500	2430	97	70-130	
1,2-Dichloropropane	ug/kg	2500	2620	105	78-126	
1,3-Dichlorobenzene	ug/kg	2500	2410	96	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2270	91	70-130	
Benzene	ug/kg	2500	2320	93	70-130	
Bromodichloromethane	ug/kg	2500	2390	95	70-130	

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

LABORATORY CONTROL SAMPLE: 2093191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2180	87	67-130	
Bromomethane	ug/kg	2500	2190	88	45-134	
Carbon tetrachloride	ug/kg	2500	2390	96	70-130	
Chlorobenzene	ug/kg	2500	2460	98	70-130	
Chloroethane	ug/kg	2500	2560	102	58-143	
Chloroform	ug/kg	2500	2420	97	76-122	
Chloromethane	ug/kg	2500	2350	94	45-120	
cis-1,2-Dichloroethene	ug/kg	2500	2240	90	69-130	
cis-1,3-Dichloropropene	ug/kg	2500	2120	85	70-130	
Dibromochloromethane	ug/kg	2500	2330	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	1610	65	26-99	
Ethylbenzene	ug/kg	2500	2530	101	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2500	100	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2270	91	70-130	
Methylene Chloride	ug/kg	2500	2560	102	70-130	
Styrene	ug/kg	2500	2290	91	70-130	
Tetrachloroethene	ug/kg	2500	2740	110	70-130	
Toluene	ug/kg	2500	2480	99	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2570	103	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2150	86	70-130	
Trichloroethene	ug/kg	2500	2510	100	70-130	
Trichlorofluoromethane	ug/kg	2500	2210	89	70-128	
Vinyl chloride	ug/kg	2500	2470	99	53-110	
Xylene (Total)	ug/kg	7500	7450	99	70-130	
4-Bromofluorobenzene (S)	%			101	52-137	
Dibromofluoromethane (S)	%			102	58-145	
Toluene-d8 (S)	%			100	56-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2093192 2093193

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40212135007	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/kg	<25.0	1470	1470	1470	1180	86	81	66-130	7	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1470	1470	1590	1590	108	108	70-133	0	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1470	1470	1540	1530	105	104	70-130	1	20		
1,1-Dichloroethane	ug/kg	<25.0	1470	1470	1430	1440	97	98	69-143	0	20		
1,1-Dichloroethene	ug/kg	<25.0	1470	1470	1270	1300	87	88	58-120	2	20		
1,2,4-Trichlorobenzene	ug/kg	<41.7	1470	1470	1460	1450	99	99	60-130	0	20		
1,2-Dibromo-3-chloropropane	ug/kg	<237	1470	1470	1280	1380	87	94	59-136	7	20		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1470	1470	1620	1530	110	104	70-130	5	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1470	1470	1470	1510	100	103	70-130	3	20		
1,2-Dichloroethane	ug/kg	<25.0	1470	1470	1450	1370	99	93	70-136	6	20		
1,2-Dichloropropane	ug/kg	<25.0	1470	1470	1570	1490	107	101	78-128	6	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1470	1470	1430	1450	97	99	70-130	2	20		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

Parameter	Units	2093192		2093193		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40212135007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/kg	<25.0	1470	1470	1450	1410	98	96	70-130	3	20		
Benzene	ug/kg	<25.0	1470	1470	1350	1290	92	88	70-130	4	20		
Bromodichloromethane	ug/kg	<25.0	1470	1470	1480	1370	100	93	70-130	8	20		
Bromoform	ug/kg	<25.0	1470	1470	1380	1440	94	98	63-130	4	20		
Bromomethane	ug/kg	<63.8	1470	1470	1240	1190	84	81	33-146	4	20		
Carbon tetrachloride	ug/kg	<25.0	1470	1470	1220	1220	83	83	65-130	0	20		
Chlorobenzene	ug/kg	<25.0	1470	1470	1470	1470	100	100	70-130	0	20		
Chloroethane	ug/kg	<46.4	1470	1470	1090	1110	74	76	46-156	1	20		
Chloroform	ug/kg	<47.5	1470	1470	1390	1410	94	96	75-130	2	20		
Chloromethane	ug/kg	<25.0	1470	1470	1240	1410	85	96	20-139	13	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1470	1470	1290	1270	88	87	69-130	2	20		
cis-1,3-Dichloropropene	ug/kg	<42.3	1470	1470	1370	1270	93	86	70-130	8	20		
Dibromochloromethane	ug/kg	<229	1470	1470	1450	1450	99	99	70-130	0	20		
Dichlorodifluoromethane	ug/kg	<25.0	1470	1470	870	886	59	60	10-99	2	22		
Ethylbenzene	ug/kg	<25.0	1470	1470	1420	1390	97	95	80-120	2	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1470	1470	1330	1360	90	93	70-130	3	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1470	1470	1430	1310	97	89	70-130	9	20		
Methylene Chloride	ug/kg	<26.3	1470	1470	1380	1500	94	102	70-136	9	20		
Styrene	ug/kg	<25.0	1470	1470	1330	1340	90	91	70-130	1	20		
Tetrachloroethene	ug/kg	<38.7	1470	1470	1520	1520	104	103	68-130	0	20		
Toluene	ug/kg	<25.0	1470	1470	1480	1430	100	97	80-120	3	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1470	1470	1460	1460	99	100	70-130	0	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1470	1470	1370	1250	93	85	70-130	9	20		
Trichloroethene	ug/kg	<25.0	1470	1470	1450	1380	99	94	70-130	5	20		
Trichlorofluoromethane	ug/kg	<25.0	1470	1470	1170	1240	79	84	53-128	6	20		
Vinyl chloride	ug/kg	<25.0	1470	1470	1300	1310	88	89	32-118	1	20		
Xylene (Total)	ug/kg	<75.0	4410	4410	4150	4200	94	95	70-130	1	20		
4-Bromofluorobenzene (S)	%						96	101	52-137				
Dibromofluoromethane (S)	%						94	97	58-145				
Toluene-d8 (S)	%						96	100	56-140				

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

QC Batch: 362149 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40211948013, 40211948014, 40211948015

METHOD BLANK: 2093204 Matrix: Solid  
Associated Lab Samples: 40211948013, 40211948014, 40211948015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<7.8	50.0	08/06/20 10:23	
1,1,1-Trichloroethane	ug/kg	<13.5	50.0	08/06/20 10:23	
1,1,2,2-Tetrachloroethane	ug/kg	<15.7	52.0	08/06/20 10:23	
1,1,2-Trichloroethane	ug/kg	<15.7	52.0	08/06/20 10:23	
1,1-Dichloroethane	ug/kg	<13.5	50.0	08/06/20 10:23	
1,1-Dichloroethene	ug/kg	<11.8	50.0	08/06/20 10:23	
1,1-Dichloropropene	ug/kg	<10.7	50.0	08/06/20 10:23	
1,2,3-Trichlorobenzene	ug/kg	<47.3	158	08/06/20 10:23	
1,2,3-Trichloropropane	ug/kg	<37.4	125	08/06/20 10:23	
1,2,4-Trichlorobenzene	ug/kg	<41.7	250	08/06/20 10:23	
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	08/06/20 10:23	
1,2-Dibromo-3-chloropropane	ug/kg	<237	789	08/06/20 10:23	
1,2-Dibromoethane (EDB)	ug/kg	<17.0	57.0	08/06/20 10:23	
1,2-Dichlorobenzene	ug/kg	<13.1	50.0	08/06/20 10:23	
1,2-Dichloroethane	ug/kg	<13.8	50.0	08/06/20 10:23	
1,2-Dichloropropane	ug/kg	<13.5	50.0	08/06/20 10:23	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	08/06/20 10:23	
1,3-Dichlorobenzene	ug/kg	<13.0	50.0	08/06/20 10:23	
1,3-Dichloropropane	ug/kg	<11.0	50.0	08/06/20 10:23	
1,4-Dichlorobenzene	ug/kg	<12.0	50.0	08/06/20 10:23	
2,2-Dichloropropane	ug/kg	<15.7	52.0	08/06/20 10:23	
2-Chlorotoluene	ug/kg	<19.3	64.0	08/06/20 10:23	
4-Chlorotoluene	ug/kg	<19.3	64.0	08/06/20 10:23	
Benzene	ug/kg	<12.5	42.0	08/06/20 10:23	
Bromobenzene	ug/kg	<18.5	62.0	08/06/20 10:23	
Bromochloromethane	ug/kg	<20.9	70.0	08/06/20 10:23	
Bromodichloromethane	ug/kg	<10.0	50.0	08/06/20 10:23	
Bromoform	ug/kg	<21.6	72.0	08/06/20 10:23	
Bromomethane	ug/kg	<63.8	250	08/06/20 10:23	
Carbon tetrachloride	ug/kg	<7.5	50.0	08/06/20 10:23	
Chlorobenzene	ug/kg	<16.8	56.0	08/06/20 10:23	
Chloroethane	ug/kg	<46.4	250	08/06/20 10:23	
Chloroform	ug/kg	<47.5	250	08/06/20 10:23	
Chloromethane	ug/kg	<24.0	80.0	08/06/20 10:23	
cis-1,2-Dichloroethene	ug/kg	<14.8	50.0	08/06/20 10:23	
cis-1,3-Dichloropropene	ug/kg	<42.3	141	08/06/20 10:23	
Dibromochloromethane	ug/kg	<229	763	08/06/20 10:23	
Dibromomethane	ug/kg	<17.7	59.0	08/06/20 10:23	
Dichlorodifluoromethane	ug/kg	<21.7	72.0	08/06/20 10:23	
Diisopropyl ether	ug/kg	<14.0	50.0	08/06/20 10:23	

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

METHOD BLANK: 2093204

Matrix: Solid

Associated Lab Samples: 40211948013, 40211948014, 40211948015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<14.5	50.0	08/06/20 10:23	
Hexachloro-1,3-butadiene	ug/kg	<68.7	229	08/06/20 10:23	
Isopropylbenzene (Cumene)	ug/kg	<17.7	59.0	08/06/20 10:23	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	08/06/20 10:23	
Methylene Chloride	ug/kg	<26.3	88.0	08/06/20 10:23	
n-Butylbenzene	ug/kg	<30.0	100	08/06/20 10:23	
n-Propylbenzene	ug/kg	<17.8	59.0	08/06/20 10:23	
Naphthalene	ug/kg	<27.3	91.0	08/06/20 10:23	
p-Isopropyltoluene	ug/kg	<21.7	72.0	08/06/20 10:23	
sec-Butylbenzene	ug/kg	<21.5	72.0	08/06/20 10:23	
Styrene	ug/kg	<12.3	50.0	08/06/20 10:23	
tert-Butylbenzene	ug/kg	<18.7	62.0	08/06/20 10:23	
Tetrachloroethene	ug/kg	<38.7	129	08/06/20 10:23	
Toluene	ug/kg	<13.1	50.0	08/06/20 10:23	
trans-1,2-Dichloroethene	ug/kg	<20.2	67.0	08/06/20 10:23	
trans-1,3-Dichloropropene	ug/kg	<22.2	74.0	08/06/20 10:23	
Trichloroethene	ug/kg	<12.8	50.0	08/06/20 10:23	
Trichlorofluoromethane	ug/kg	<19.6	65.0	08/06/20 10:23	
Vinyl chloride	ug/kg	<14.5	50.0	08/06/20 10:23	
Xylene (Total)	ug/kg	<50.5	168	08/06/20 10:23	
4-Bromofluorobenzene (S)	%	86	52-137	08/06/20 10:23	
Dibromofluoromethane (S)	%	94	58-145	08/06/20 10:23	
Toluene-d8 (S)	%	98	56-140	08/06/20 10:23	

LABORATORY CONTROL SAMPLE: 2093205

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2650	106	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2640	106	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2530	101	70-130	
1,1-Dichloroethane	ug/kg	2500	2660	106	69-143	
1,1-Dichloroethene	ug/kg	2500	2500	100	73-118	
1,2,4-Trichlorobenzene	ug/kg	2500	2440	97	60-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2940	118	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2730	109	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2460	98	70-130	
1,2-Dichloroethane	ug/kg	2500	2750	110	70-130	
1,2-Dichloropropane	ug/kg	2500	2410	97	78-126	
1,3-Dichlorobenzene	ug/kg	2500	2410	97	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2490	100	70-130	
Benzene	ug/kg	2500	2330	93	70-130	
Bromodichloromethane	ug/kg	2500	2720	109	70-130	
Bromoform	ug/kg	2500	2800	112	67-130	
Bromomethane	ug/kg	2500	2270	91	45-134	

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
Pace Project No.: 40211948

LABORATORY CONTROL SAMPLE: 2093205

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2780	111	70-130	
Chlorobenzene	ug/kg	2500	2550	102	70-130	
Chloroethane	ug/kg	2500	3040	121	58-143	
Chloroform	ug/kg	2500	2500	100	76-122	
Chloromethane	ug/kg	2500	2670	107	45-120	
cis-1,2-Dichloroethene	ug/kg	2500	2400	96	69-130	
cis-1,3-Dichloropropene	ug/kg	2500	2110	84	70-130	
Dibromochloromethane	ug/kg	2500	2860	114	70-130	
Dichlorodifluoromethane	ug/kg	2500	1970	79	26-99	
Ethylbenzene	ug/kg	2500	2640	106	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2760	110	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2860	114	70-130	
Methylene Chloride	ug/kg	2500	2520	101	70-130	
Styrene	ug/kg	2500	2880	115	70-130	
Tetrachloroethene	ug/kg	2500	2680	107	70-130	
Toluene	ug/kg	2500	2680	107	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2590	104	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2460	99	70-130	
Trichloroethene	ug/kg	2500	2610	104	70-130	
Trichlorofluoromethane	ug/kg	2500	2990	120	70-128	
Vinyl chloride	ug/kg	2500	2480	99	53-110	
Xylene (Total)	ug/kg	7500	8160	109	70-130	
4-Bromofluorobenzene (S)	%			105	52-137	
Dibromofluoromethane (S)	%			101	58-145	
Toluene-d8 (S)	%			104	56-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2093206 2093207

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40212111001 Result	Spike Conc.	MSD Spike Conc.	MSD Spike Conc.							
1,1,1-Trichloroethane	ug/kg	<25.0	1310	1310	1270	1390	97	106	66-130	9	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1310	1310	1330	1380	102	105	70-133	4	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1310	1310	1310	1320	100	101	70-130	1	20	
1,1-Dichloroethane	ug/kg	<25.0	1310	1310	1280	1360	98	104	69-143	5	20	
1,1-Dichloroethene	ug/kg	<25.0	1310	1310	1170	1340	90	103	58-120	14	20	
1,2,4-Trichlorobenzene	ug/kg	<41.7	1310	1310	1440	1390	110	106	60-130	4	20	
1,2-Dibromo-3-chloropropane	ug/kg	<237	1310	1310	1390	1480	106	113	59-136	6	20	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1310	1310	1320	1390	101	107	70-130	5	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1310	1310	1280	1370	98	105	70-130	7	20	
1,2-Dichloroethane	ug/kg	<25.0	1310	1310	1380	1470	105	112	70-136	6	20	
1,2-Dichloropropane	ug/kg	<25.0	1310	1310	1210	1270	93	97	78-128	4	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1310	1310	1220	1280	94	98	70-130	4	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1310	1310	1330	1400	101	107	70-130	6	20	
Benzene	ug/kg	<25.0	1310	1310	1130	1180	86	90	70-130	5	20	

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW  
 Pace Project No.: 40211948

Parameter	Units	2093206		2093207		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40212111001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Bromodichloromethane	ug/kg	<25.0	1310	1310	1340	1420	102	108	70-130	6	20		
Bromoform	ug/kg	<25.0	1310	1310	1390	1500	106	115	63-130	8	20		
Bromomethane	ug/kg	<63.8	1310	1310	1220	1170	94	90	33-146	4	20		
Carbon tetrachloride	ug/kg	<25.0	1310	1310	1290	1390	99	106	65-130	7	20		
Chlorobenzene	ug/kg	<25.0	1310	1310	1320	1360	101	104	70-130	3	20		
Chloroethane	ug/kg	<46.4	1310	1310	1520	1680	116	129	46-156	10	20		
Chloroform	ug/kg	<47.5	1310	1310	1250	1360	95	104	75-130	9	20		
Chloromethane	ug/kg	<25.0	1310	1310	1360	1440	104	110	20-139	6	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1310	1310	1220	1260	93	97	69-130	4	20		
cis-1,3-Dichloropropene	ug/kg	<42.3	1310	1310	1010	1070	77	82	70-130	6	20		
Dibromochloromethane	ug/kg	<229	1310	1310	1440	1520	110	116	70-130	6	20		
Dichlorodifluoromethane	ug/kg	<25.0	1310	1310	1040	968	79	74	10-99	7	22		
Ethylbenzene	ug/kg	<25.0	1310	1310	1270	1290	97	99	80-120	2	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1310	1310	1290	1350	98	103	70-130	4	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1310	1310	1400	1490	107	114	70-130	6	20		
Methylene Chloride	ug/kg	<26.3	1310	1310	1240	1380	94	105	70-136	11	20		
Styrene	ug/kg	<25.0	1310	1310	1330	1350	102	103	70-130	2	20		
Tetrachloroethene	ug/kg	<38.7	1310	1310	1330	1400	102	107	68-130	5	20		
Toluene	ug/kg	<25.0	1310	1310	1350	1360	103	104	80-120	1	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1310	1310	1240	1390	95	106	70-130	12	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1310	1310	1150	1210	88	92	70-130	5	20		
Trichloroethene	ug/kg	<25.0	1310	1310	1230	1300	94	100	70-130	6	20		
Trichlorofluoromethane	ug/kg	<25.0	1310	1310	1450	1540	111	117	53-128	5	20		
Vinyl chloride	ug/kg	<25.0	1310	1310	1230	1320	94	101	32-118	7	20		
Xylene (Total)	ug/kg	<75.0	3930	3930	3890	3950	99	100	70-130	1	20		
4-Bromofluorobenzene (S)	%						97	101	52-137				
Dibromofluoromethane (S)	%						92	104	58-145				
Toluene-d8 (S)	%						96	101	56-140				

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

QC Batch: 361609

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40211948011

SAMPLE DUPLICATE: 2090481

Parameter	Units	40211742001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.8	23.1	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

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

QC Batch: 361811

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40211948014, 40211948015

SAMPLE DUPLICATE: 2091484

Parameter	Units	40211913008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.2	3.9	6	10	

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

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

---

QC Batch:	362520	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40211948001, 40211948002, 40211948003, 40211948004, 40211948005, 40211948006, 40211948007, 40211948008, 40211948009, 40211948010, 40211948012, 40211948013

---

SAMPLE DUPLICATE: 2095537

Parameter	Units	40211948003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.8	14.6	2	10	

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

### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

---

### DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

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

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 4300 OAK LLC SHOREWOOD QUEENSW

Pace Project No.: 40211948

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40211948004	EX-47 WALL 4'	EPA 3050	361631	EPA 6010	361788
40211948005	EX-48 WALL 2.5'	EPA 3050	361631	EPA 6010	361788
40211948006	EX-49 WALL 4'	EPA 3050	361631	EPA 6010	361788
40211948007	EX-50 FLOOR 9'	EPA 3050	361631	EPA 6010	361788
40211948008	EX-51 FLOOR 11'	EPA 3050	361631	EPA 6010	361788
40211948009	EX-52 SE CORNER 2.5'	EPA 3050	361631	EPA 6010	361788
40211948010	EX-53 E WALL 2'	EPA 3050	361631	EPA 6010	361788
40211948011	EX-54 E WALL 6'	EPA 3050	361631	EPA 6010	361788
40211948012	EX-55 W WALL 6'	EPA 3050	361631	EPA 6010	361788
40211948013	EX-56 SE FLOOR 7'	EPA 3050	361631	EPA 6010	361788
40211948014	EX-57 SW WALL 3'	EPA 3050	361854	EPA 6010	361951
40211948015	EX-58 FLOOR UNDER 10'	EPA 3050	361854	EPA 6010	361951
40211948001	EX-44 WALL 3'	EPA 5035/5030B	361672	EPA 8260	361675
40211948002	EX-45 WALL 9'	EPA 5035/5030B	361672	EPA 8260	361675
40211948003	EX-46 FLOOR 18'	EPA 5035/5030B	361672	EPA 8260	361675
40211948004	EX-47 WALL 4'	EPA 5035/5030B	361672	EPA 8260	361675
40211948005	EX-48 WALL 2.5'	EPA 5035/5030B	362145	EPA 8260	362147
40211948006	EX-49 WALL 4'	EPA 5035/5030B	362145	EPA 8260	362147
40211948007	EX-50 FLOOR 9'	EPA 5035/5030B	362145	EPA 8260	362147
40211948008	EX-51 FLOOR 11'	EPA 5035/5030B	362145	EPA 8260	362147
40211948009	EX-52 SE CORNER 2.5'	EPA 5035/5030B	362145	EPA 8260	362147
40211948010	EX-53 E WALL 2'	EPA 5035/5030B	362145	EPA 8260	362147
40211948011	EX-54 E WALL 6'	EPA 5035/5030B	362145	EPA 8260	362147
40211948012	EX-55 W WALL 6'	EPA 5035/5030B	362145	EPA 8260	362147
40211948013	EX-56 SE FLOOR 7'	EPA 5035/5030B	362149	EPA 8260	362151
40211948014	EX-57 SW WALL 3'	EPA 5035/5030B	362149	EPA 8260	362151
40211948015	EX-58 FLOOR UNDER 10'	EPA 5035/5030B	362149	EPA 8260	362151
40211948001	EX-44 WALL 3'	ASTM D2974-87	362520		
40211948002	EX-45 WALL 9'	ASTM D2974-87	362520		
40211948003	EX-46 FLOOR 18'	ASTM D2974-87	362520		
40211948004	EX-47 WALL 4'	ASTM D2974-87	362520		
40211948005	EX-48 WALL 2.5'	ASTM D2974-87	362520		
40211948006	EX-49 WALL 4'	ASTM D2974-87	362520		
40211948007	EX-50 FLOOR 9'	ASTM D2974-87	362520		
40211948008	EX-51 FLOOR 11'	ASTM D2974-87	362520		
40211948009	EX-52 SE CORNER 2.5'	ASTM D2974-87	362520		
40211948010	EX-53 E WALL 2'	ASTM D2974-87	362520		
40211948011	EX-54 E WALL 6'	ASTM D2974-87	361609		
40211948012	EX-55 W WALL 6'	ASTM D2974-87	362520		
40211948013	EX-56 SE FLOOR 7'	ASTM D2974-87	362520		
40211948014	EX-57 SW WALL 3'	ASTM D2974-87	361811		
40211948015	EX-58 FLOOR UNDER 10'	ASTM D2974-87	361811		

### REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: SAND CREEK  
 Branch/Location: PLYMOUTH  
 Project Contact: Ken Ebbott  
 Phone: 920 918 9027  
 Project Number: 4300 OAK LLC  
 Project Name: SHOREWOOD QUERCYWAY  
 Project State: WI  
 Sampled By (Print): Ken Ebbott  
 Sampled By (Sign): *Ken Ebbott*  
 PO #:  
 Regulatory Program:



UPPER MIDWEST REGION  
 MN: 612-607-1700 WI: 920-469-2436  
 40211948

Page 1 of 2  
 40211948

### CHAIN OF CUSTODY

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

FILTERED? (YES/NO)	Y/N	Pick Letter	Analysis Requested															
			VOC															
			LEAD															

Quote #: SELF ANNUAL \*  
 Mail To Contact: Ken Ebbott  
 Mail To Company: SAND CREEK  
 Mail To Address: WSP77 Pleasant Lane Plymouth WI 53073  
 Invoice To Contact: Tom Schaper  
 Invoice To Company: 4300 OAK LLC  
 Invoice To Address: c/o Sand Creek  
 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

PAGE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analysis Requested	VOC	LEAD
		DATE	TIME				
001	EX-44 Wall 3'	7-29-20	8:00	S	X		
002	EX-45 Wall 9'		7:40		X		
003	EX-46 Floor 18'		7:50		X		
004	EX-47 Wall 4'	7-29-20	10:30		X	X	
005	EX-48 Wall 2.5'		9:30		X	X	
006	EX-49 Wall 4'		10:35		X	X	
007	EX-50 Floor 9'		9:45		X	X	
008	EX-51 Floor 11'		12:30		X	X	
009	EX-52 SF Lower 2.5'	7-28-20	10:40		X	X	
010	EX-53 E Wall 2'		11:45		X	X	
011	EX-54 E Wall 6'		11:40		X	X	
012	EX-55 W Wall 6'		11:30		X	X	
013	EX-56 SF Floor 7'		10:45		X	X	

**CLIENT COMMENTS**  
 \*VOC \$52 each

**LAB COMMENTS (Lab Use Only)**

**Profile #**

*VC 7/29/20*  
 40211948

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: *Ken Ebbott* Date/Time: 7/29/20  
 Relinquished By: *[Signature]* Date/Time: 7/29/20 1410  
 Relinquished By:  
 Relinquished By:  
 Relinquished By:

Received By: *[Signature]* Date/Time: 7/29/20 1205  
 Received By: *[Signature]* Date/Time: 7/29/20 1410  
 Received By:  
 Received By:  
 Received By:

PACE Project No. 40211948  
 Receipt Temp = ROT °C  
 Sample Receipt pH OK / Adjusted  
 Cooler Custody Seal Present / Not Present Intact / Not Intact

(Please Print Clearly)

Company Name: SAND CREEK  
 Branch/Location: PLUMOUTH  
 Project Contact: Ken ESBOTT  
 Phone: 920 918 9024  
 Project Number:  
 Project Name: Shorewood Queensing  
 Project State: NC  
 Sampled By (Print): Ken ESBOTT  
 Sampled By (Sign): [Signature]  
 PO #:  
 Regulatory Program:



UPPER MIDWEST REGION

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

Page 2 of 2

4021948

7/29/20  
4021948

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### CHAIN OF CUSTODY

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

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

Y/N	Pick Letter									
		Analyses Requested	VOC	LEAD						
			X	X						
			X	X						

Quote #: SAME -  
 Mail To Contact: AS  
 Mail To Company:  
 Mail To Address: PABE  
 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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
014	EX-57 SWALL 3'	7/29/20	10:30	S			X X
015	EX-58 FLOOR UNDER 10' TRUNKS	7/29/20	11:20	S			X X

**CLIENT COMMENTS**  
\*VOC \$52 each

**LAB COMMENTS (Lab Use Only)**

**Profile #**

4021948

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: [Signature] Date/Time: 7/29/20  
 Relinquished By: [Signature] Date/Time: 2/29/20 1410  
 Relinquished By:  
 Relinquished By:  
 Relinquished By:

Received By: [Signature] Date/Time: 7/29/20 1205  
 Received By: [Signature] Date/Time: 7/29/20 1410  
 Received By:  
 Received By:  
 Received By:

PACE Project No. ~~4021948~~  
 Receipt Temp = 70.1°C  
 Sample Receipt pH OK / Adjusted  
 Cooler Custody Seal Present / Not Present Intact / Not Intact



Client Name: Sand Creek

**Sample Preservation Receipt Form**

Project # ~~40211948~~  
40211948

*Handwritten initials and date: 7/29/20*

Pace Analytical Services, LLC  
1244 Bellevue Street, Suite 9  
Green Bay, WI 54302

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

Lab Lot# of pH paper:

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

Initial when completed:

Date/Time:

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


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

<b>AG1U</b>	1 liter amber glass
<b>BG1U</b>	1 liter clear glass
<b>AG1H</b>	1 liter amber glass HCL
<b>AG4S</b>	125 mL amber glass H2SO4
<b>AG4U</b>	120 mL amber glass unpres
<b>AG5U</b>	100 mL amber glass unpres
<b>AG2S</b>	500 mL amber glass H2SO4
<b>BG3U</b>	250 mL clear glass unpres

<b>BP1U</b>	1 liter plastic unpres
<b>BP3U</b>	250 mL plastic unpres
<b>BP3B</b>	250 mL plastic NaOH
<b>BP3N</b>	250 mL plastic HNO3
<b>BP3S</b>	250 mL plastic H2SO4


<b>VG9A</b>	40 mL clear ascorbic
<b>DG9T</b>	40 mL amber Na Thio
<b>VG9U</b>	40 mL clear vial unpres
<b>VG9H</b>	40 mL clear vial HCL
<b>VG9M</b>	40 mL clear vial MeOH
<b>VG9D</b>	40 mL clear vial DI

<b>JGFU</b>	4 oz amber jar unpres
<b>JG9U</b>	9 oz amber jar unpres
<b>WGFU</b>	4 oz clear jar unpres
<b>WPFU</b>	4 oz plastic jar unpres
<b>SP5T</b>	120 mL plastic Na Thiosulfate
<b>ZPLC</b>	ziploc bag
<b>GN</b>	

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

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

**Client Name:** Sand Creek  
**Courier:**  CS Logistics  Fed Ex  Speedee  UPS  Walco  
 Client  Pace Other: \_\_\_\_\_

Project #: \_\_\_\_\_  
**WO# : 40211948**  
  
 40211948

**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: ROI /Corr: \_\_\_\_\_  
**Temp Blank Present:**  yes  no    **Biological Tissue is Frozen:**  yes  no

**Person examining contents:**  
 Date: 7/29/20 /Initials: SCU  
 Labeled By Initials: AP

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>No analysis</u>
-Includes date/time/ID/Analysis    Matrix: <u>S</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

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



Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures
PO Box 7837 Madison, WI 53707-7837
(608) 224-4942

TANK 1

FOR OFFICE USE ONLY
Wis. Admin. Code §ATCP 93.140

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered.

A separate form is needed for each tank. Send each completed form to the agency designated above.

Have you previously registered this tank by submitting a form? Yes No If yes, are you correcting/updating information only? Yes No

This registration applies to a tank piping status that is (check one): Date of status change:
In Use Abandoned with Water Abandoned with Product
Newly Installed Closed - Removed Abandoned without Product (empty)
Temporarily Out of Service - Provide Date: Closed - Filled with Inert Materials Change of Site/Facility Address Only (complete boxes 1.a. and b. below)
Ownership Change (Indicate new owner name in box 2 -- attach deed)

IDENTIFICATION (Please Print)

1. TANK SITE NAME: 4300 OAK LLC SHOREWOOD CLEARWAY CLEARING MILWAUKEE
a. CURRENT SITE STREET ADDRESS: 4300 NORTH OAKLAND AVE
b. PREVIOUS SITE STREET ADDRESS

Fire Dept. providing fire coverage where tank is located: CITY TOWN VILLAGE of:

2. TANK OWNER LEGAL NAME: 4300 OAK LLC
MAILING ADDRESS: 2551 N WALK AVE

3. PROPERTY OWNER NAME (if different from Tank Owner Legal Name #2)
PROPERTY OWNER ADDRESS (if different from Site Street Address #1)

4. CLASS A NAME DOB CERTIFICATION: (Attach certificate)
5. CLASS B NAME DOB CERTIFICATION: (Attach certificate)

SITE ID: 5006 FACILITY ID # CUSTOMER ID #

Tank Capacity (gallons): UNKNOWN Tank Age (age or date installed): Vehicle fueling: Yes No

LAND OWNER TYPE (Refer to back; check one): County State Federal Leased Federal Owned Tribal Nation Municipal Other Government Private

OCCUPANCY TYPE (check one) Refer to back
Retail Fuel Sales Mercantile/Commercial Bulk Storage Terminal Storage Industrial Residential School Government Fleet
Agricultural (crop or livestock production) Utility Backup or Emergency Generator Other (specify): UNKNOWN

TANK CONSTRUCTION:
Bare Steel Coated Steel Steel - Fiberglass Reinforced Plastic Composite
Fiberglass Unknown Other (specify): Lined (date):
Overfill Protection? Spill Containment? Tank Double Walled?

TANK CATHODIC PROTECTION: Sacrificial Anodes Impressed Current N/A

TANK LEAK DETECTION METHOD: Automatic tank gauging Interstitial monitoring Electronic Yes No Statistical Inventory Reconciliation (SIR)
Manual tank gauging (only for tanks of 1,000 gallons or less) Unknown

PIPING CONSTRUCTION: Single Wall Double Wall:
Bare Steel Coated Steel Fiberglass Flexible Copper Unknown N/A Other:

PIPING CATHODIC PROTECTION: Sacrificial Anodes Impressed Current N/A

PRIMARY PIPING SYSTEM TYPE: Pressurized piping with A. Pump auto shutoff - ELLD B. Flow restrictor - MLLD Unknown
Suction piping with check valve at tank Suction piping with check valve at pump and inspectable Not needed if waste oil

PIPING LEAK DETECTION METHOD: Interstitial monitoring Electronic Yes No Sump or cable sensor Yes No
Tightness testing Electronic line monitor - ELLD SIR Not required Unknown

TANK CONTENTS Current, or previous product (if tank now empty) (\* = NOT PECFA eligible)
Leaded Unleaded Gas-ethanol blend: % Diesel
Bio-Diesel: % Hazardous Waste/Interface\* Kerosene Fuel Oil Premix New Oil New oil - Flash point less than 200°F
Waste/Used Motor Oil Used for Heating Aviation Empty Sand/Grave/Slurry Unknown
Other (specify): Chemical Name: CAS#

Has a site assessment been completed? (see reverse side for details) Yes No

TANK OWNER LEGAL NAME (please print): Tom Schafner TANK OWNER E-MAIL: tschafner@wi.rr.com

TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) DATE: 7-28-20

Note: Refer to comments on reverse side of form.



Wisconsin Department of Agriculture, Trade and Consumer Protection  
 Bureau of Weights and Measures  
 PO Box 7837 Madison, WI 53707-7837  
 (608) 224-4942

TANK 2

FOR OFFICE USE ONLY  
 Wis. Admin. Code §ATCP 93.140

### UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered.

A separate form is needed for each tank. Send each completed form to the agency designated above.

Have you previously registered this tank by submitting a form?  Yes  No If yes, are you correcting/updating information only?  Yes  No

This registration applies to a  tank  piping status that is (check one): Date of status change:  
 In Use  Abandoned with Water  Abandoned with Product  
 Newly Installed  Closed - Removed  Abandoned without Product (empty)  
 Temporarily Out of Service - Provide Date:  Closed - Filled with Inert Materials  Change of Site/Facility Address Only (complete boxes 1.a. and b. below)  
 Ownership Change (Indicate new owner name in box 2 -- attach deed)

IDENTIFICATION (Please Print)				
1. TANK SITE NAME SHOREWOOD CLEANS WAY CLEANERS		COUNTY MILWAUKEE	PHONE 414-840-6667	
a. CURRENT SITE STREET ADDRESS 4300 NORTH OAKLAND AVE		<input type="checkbox"/> CITY <input checked="" type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF: SHOREWOOD	STATE WI	ZIP 53211
b. PREVIOUS SITE STREET ADDRESS		<input type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF:	STATE	ZIP
Fire Dept. providing fire coverage where tank is located: <input type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE of:				
2. TANK OWNER LEGAL NAME 4300 OAK LLC		COUNTY MILWAUKEE	PHONE: Check <input checked="" type="checkbox"/> CELL or <input type="checkbox"/> LAND 414-840-6667	
MAILING ADDRESS 2551 N WAUK AVE		<input checked="" type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF: MILWAUKEE	STATE WI	ZIP 53213
3. PROPERTY OWNER NAME (if different from Tank Owner Legal Name #2)		COUNTY (if different from County #2)		
PROPERTY OWNER ADDRESS (if different from Site Street Address #1)		<input type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF:	STATE	ZIP
4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)		
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)		

SITE ID:	FACILITY ID #	CUSTOMER ID #
Tank Capacity (gallons): 1000 L	Tank Age (age or date installed):	Vehicle fueling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
LAND OWNER TYPE (Refer to back; check one): <input type="checkbox"/> County <input type="checkbox"/> State <input type="checkbox"/> Federal Leased <input type="checkbox"/> Federal Owned <input type="checkbox"/> Tribal Nation <input type="checkbox"/> Municipal <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private		
OCCUPANCY TYPE (check one) Refer to back <input type="checkbox"/> Retail Fuel Sales <input type="checkbox"/> Mercantile/Commercial <input type="checkbox"/> Bulk Storage <input type="checkbox"/> Terminal Storage <input type="checkbox"/> Industrial <input type="checkbox"/> Residential <input type="checkbox"/> School <input type="checkbox"/> Government Fleet <input type="checkbox"/> Agricultural (crop or livestock production) <input type="checkbox"/> Utility <input type="checkbox"/> Backup or Emergency Generator <input checked="" type="checkbox"/> Other (specify): UNKNOWN		
TANK CONSTRUCTION: <input checked="" type="checkbox"/> Bare Steel <input type="checkbox"/> Coated Steel <input type="checkbox"/> Steel - Fiberglass Reinforced Plastic Composite <input type="checkbox"/> Fiberglass <input type="checkbox"/> Unknown <input type="checkbox"/> Other (specify): <input type="checkbox"/> Lined (date):		Overfill Protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Spill Containment? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Tank Double Walled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TANK CATHODIC PROTECTION: <input type="checkbox"/> Sacrificial Anodes <input type="checkbox"/> Impressed Current <input type="checkbox"/> N/A		
TANK LEAK DETECTION METHOD: <input type="checkbox"/> Automatic tank gauging <input type="checkbox"/> Interstitial monitoring <input checked="" type="checkbox"/> Electronic <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Statistical Inventory Reconciliation (SIR) <input type="checkbox"/> Manual tank gauging (only for tanks of 1,000 gallons or less) <input checked="" type="checkbox"/> Unknown		
PIPING CONSTRUCTION: <input checked="" type="checkbox"/> Single Wall <input type="checkbox"/> Double Wall: <input type="checkbox"/> Bare Steel <input type="checkbox"/> Coated Steel <input type="checkbox"/> Fiberglass <input type="checkbox"/> Flexible <input type="checkbox"/> Copper <input type="checkbox"/> Unknown <input type="checkbox"/> N/A <input type="checkbox"/> Other:		
PIPING CATHODIC PROTECTION: <input type="checkbox"/> Sacrificial Anodes <input type="checkbox"/> Impressed Current <input checked="" type="checkbox"/> N/A		
PRIMARY PIPING SYSTEM TYPE: <input type="checkbox"/> Pressurized piping with <input checked="" type="checkbox"/> A. Pump auto shutoff - ELLD <input type="checkbox"/> B. Flow restrictor - MLLD <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Suction piping with check valve at tank <input type="checkbox"/> Suction piping with check valve at pump and inspectable <input type="checkbox"/> Not needed if waste oil		
PIPING LEAK DETECTION METHOD: <input type="checkbox"/> Interstitial monitoring <input checked="" type="checkbox"/> Electronic <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Sump or cable sensor <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Tightness testing <input type="checkbox"/> Electronic line monitor - ELLD <input type="checkbox"/> SIR <input type="checkbox"/> Not required <input checked="" type="checkbox"/> Unknown		
TANK CONTENTS Current, or previous product (if tank now empty) (* = NOT PECFA eligible) <input type="checkbox"/> Bio-Diesel: ___% <input type="checkbox"/> Hazardous Waste/Interface* <input type="checkbox"/> Kerosene <input type="checkbox"/> Fuel Oil <input type="checkbox"/> Premix <input type="checkbox"/> New Oil <input type="checkbox"/> Gas-ethanol blend: ___% <input type="checkbox"/> Diesel <input type="checkbox"/> Waste/Used Motor Oil <input checked="" type="checkbox"/> Used for Heating <input type="checkbox"/> Aviation <input type="checkbox"/> Empty* <input type="checkbox"/> Sand/Grave/Slurry* <input type="checkbox"/> New oil - Flash point less than 200°F <input type="checkbox"/> Other (specify): <input type="checkbox"/> Chemical* Name: <input checked="" type="checkbox"/> Unknown CAS#		

Has a site assessment been completed? (see reverse side for details)  Yes  No

TANK OWNER LEGAL NAME (please print) Tom Schaffer	TANK OWNER E-MAIL tschaffer@wi.gov
TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)	DATE: 7-28-20

Note: Refer to comments on reverse side of form.



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TANK 3

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### UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

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Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered.

A separate form is needed for each tank. Send each completed form to the agency designated above.

Have you previously registered this tank by submitting a form?  Yes  No If yes, are you correcting/updating information only?  Yes  No

This registration applies to a  tank  piping status that is (check one):  
 In Use  Abandoned with Water  Abandoned with Product  
 Newly Installed  Closed - Removed  Abandoned without Product (empty)  
 Temporarily Out of Service - Provide Date:  Closed - Filled with Inert Materials  Change of Site/Facility Address Only (complete boxes 1.a. and b. below)  
 Ownership Change (Indicate new owner name in box 2 -- attach deed)

**IDENTIFICATION (Please Print)**

1. TANK SITE NAME: 4300 OAK LLC SHOREWOOD CLEARWAY CLEARING MILWAUKEE PHONE: (414) 840-6667  
 a. CURRENT SITE STREET ADDRESS: 4300 NORTH OAKLAND AVE CITY: SHOREWOOD STATE: WI ZIP: 53211  
 b. PREVIOUS SITE STREET ADDRESS: CITY: VILLAGE: TOWN OF: STATE: ZIP:

Fire Dept. providing fire coverage where tank is located:  CITY  TOWN  VILLAGE of:

2. TANK OWNER LEGAL NAME: 4300 OAK LLC COUNTY: MILWAUKEE PHONE: Check  CELL or  LAND (414) 840-6667  
 MAILING ADDRESS: 2551 N WALK AVE CITY: MILWAUKEE STATE: WI ZIP: 53213

3. PROPERTY OWNER NAME (if different from Tank Owner Legal Name #2): COUNTY (if different from County #2):  
 PROPERTY OWNER ADDRESS (if different from Site Street Address #1): CITY: VILLAGE: TOWN OF: STATE: ZIP:

4. CLASS A NAME: DOB: CERTIFICATION: (Attach certificate)  
 5. CLASS B NAME: DOB: CERTIFICATION: (Attach certificate)

SITE ID: 5006 FACILITY ID #: CUSTOMER ID #:

Tank Capacity (gallons): 100000 Tank Age (age or date installed): Vehicle fueling:  Yes  No

LAND OWNER TYPE (Refer to back; check one):  County  State  Federal Leased  Federal Owned  Tribal Nation  Municipal  Other Government  Private

OCCUPANCY TYPE (check one) Refer to back  
 Retail Fuel Sales  Mercantile/Commercial  Bulk Storage  Terminal Storage  Industrial  Residential  School  Government Fleet  
 Agricultural (crop or livestock production)  Utility  Backup or Emergency Generator  Other (specify): UNKNOWN

TANK CONSTRUCTION:  
 Bare Steel  Coated Steel  Steel - Fiberglass Reinforced Plastic Composite  
 Fiberglass  Unknown  Other (specify): Lined (date):  
 Overfill Protection?  Yes  No  
 Spill Containment?  Yes  No  
 Tank Double Walled?  Yes  No

TANK CATHODIC PROTECTION:  Sacrificial Anodes  Impressed Current  N/A

TANK LEAK DETECTION METHOD:  Automatic tank gauging  Interstitial monitoring  Electronic  Yes  No  Statistical Inventory Reconciliation (SIR)  
 Manual tank gauging (only for tanks of 1,000 gallons or less)  Unknown

PIPING CONSTRUCTION:  Single Wall  Double Wall:  
 Bare Steel  Coated Steel  Fiberglass  Flexible  Copper  Unknown  N/A  Other:

PIPING CATHODIC PROTECTION:  Sacrificial Anodes  Impressed Current  N/A

PRIMARY PIPING SYSTEM TYPE:  Pressurized piping with  A. Pump auto shutoff - ELLD  B. Flow restrictor - MLLD  Unknown  
 Suction piping with check valve at tank  Suction piping with check valve at pump and inspectable  Not needed if waste oil

PIPING LEAK DETECTION METHOD:  Interstitial monitoring  Electronic  Yes  No  Sump or cable sensor  Yes  No  
 Tightness testing  Electronic line monitor - ELLD  SIR  Not required  Unknown

TANK CONTENTS Current, or previous product (if tank now empty) (\* = NOT PECFA eligible)  
 Bio-Diesel: \_\_\_ %  Hazardous Waste/Interface\*  Kerosene  Fuel Oil  Premix  New Oil  Gas-ethanol blend: \_\_\_ %  Diesel  
 Waste/Used Motor Oil  Used for Heating  Aviation  Empty\*  Sand/Grave/Slurry\*  Unknown  
 Other (specify): Chemical\* Name: CAS#

Has a site assessment been completed? (see reverse side for details)  Yes  No

TANK OWNER LEGAL NAME (please print): Tom Schafar TANK OWNER E-MAIL: tschafar@wi.rr.com

TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.): DATE: 7-28-20

Note: Refer to comments on reverse side of form.