Shafel, Kathleen S - DNR

From: Andy Delforge <adelforge@reiengineering.com>
Sent: Friday, March 31, 2017 10:27 AM
To: DNR RR NOR
Subject: Release Notification - Kwik Trip #163
Attachments: 4400-225.pdf; Soil Cont maps quearm.pdf; 0302000724_Registry_Packet.pdf; 7172PHIIreport - addl.pdf

Two properties associated with this redevelopment :

105 6th Street West, Ashland - former Quearm Oil site, closed LUST and ERP #s 03-02-000975 & 02-02-000105

109 6th Street East, Ashland - former Midland Services Townmart, closed LUST #03-02-000724

Contamination detected in borings by REI appears to represent residual contamination as shown on GIS and in DNR project files (attached mapping)

Release Notification

The attached file is the filled-out form. Please open it to review the data.

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13) Page 1 of 2

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than $10 nor more than $5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from **(check one)**:

- [X] Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- [ ] Aboveground Petroleum Storage Tank System
- [ ] Dry Cleaner Facility
- [ ] Other - Describe: _____

ATTN DNR: **R & R Program Associate** Date DNR Notified: 03/31/2017

1. Discharge Reported By

Name	Firm	Phone No. (include area code)
Andrew Delforge	REI Engineering, Inc.	(715) 675-9784

Mailing Address	Email Address
4080 North 20th Avenue, Wausau, WI 54401	adelforge@reiengineering.com

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property. Kwik Trip #163 (Formerly Quearm Oil, and Midland Townmart)

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 105 6th Street West & 109 6th Street West

Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city.
Ashland

County:	Legal Description:	WTM:
Ashland	NW 1/4 NW 1/4 Sec 4 Tn 47 Range 4 ○ E ◉ W	X _____ Y _____

3. Responsible Party (RP) and/or RP Representative

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Kwik Trip, Inc.

- [ ] Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/topic/Brownfields/Liability.html.

Contact Person Name (if different)	Phone Number	Email Address
Troy Batzel	(608) 793-6283	tbatzel@kwiktrip.com

Mailing Address	City	State	ZIP Code
1626 Oak Street	LaCrosse	WI	54603

Property owner if Different From RP: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Contact Person Name (if different)	Phone Number	Email Address

Mailing Address	City	State	ZIP Code

(continued)

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- ☐ VOC's
- ☐ PAH's
- ☐ Metals (specify): _____
  - ☐ Arsenic
  - ☐ Chromium
  - ☐ Cyanide
  - ☐ Lead
  - ☐ PCB's
- ☒ Diesel
- ☐ Fuel Oil
- ☒ Gasoline
- ☐ Hydraulic Oil
- ☐ Jet Fuel
- ☐ Mineral Oil
- ☐ Waste Oil
- ☐ Petroleum-Unknown Type
- ☐ PERC (Dry Cleaners)
- ☐ RCRA Hazardous Waste
- ☐ Leachate
- ☐ Fertilizer
- ☐ Pesticide/Herbicide/Insecticide(s)
- ☐ Other (specify): _____
- ☐ Unknown

5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- ___ Air Contamination
- ___ Co-Contamination (Petroleum & Non-Petroleum)
- ___ Contamination Within 1 Meter of Bedrock
- ___ Contaminated Private Well
- ___ Contaminated Public Well
- ___ Contamination in Fractured Bedrock
- ___ Sanitary Sewer Contamination
- ___ Contamination in Right of Way
- ___ Fire Explosion Threat
- ___ Free Product
- K Groundwater Contamination
- ___ Off-Site Contamination
- ___ Other (specify): _____
- K Soil Contamination
- ___ Storm Sewer
- ___ Surface Water Contamination
- ___ Within 100 ft of Private Well
- ___ Within 1000 ft of Public Well

Contamination was discovered as a result of:

☐ Tank closure assessment Date _____
☒ Site assessment Date 06/17/2016
☐ Other - Describe: _____ Date _____

Lab results: ☐ Lab results will be faxed upon receipt ☒ Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

For all confirmed releases from UST's occurring after 9/30/2007 please provide the following information:

☒ Does not apply.

Source

- ☐ Tank
- ☐ Piping
- ☐ Dispenser
- ☐ Submersible Turbine Pump
- ☐ Delivery Problem
- ☐ Other (specify): _____

Cause

- ☐ Spill
- ☐ Overfill
- ☐ Corrosion
- ☐ Physical or Mechanical Damage
- ☐ Installation Problem
- ☐ Other (does not fit any of above)
- ☐ Unknown

Contact information to report non-emergency releases in DNR's five regions are as follows:

Northeast Region (FAX: 920-662-5197); Attention -- R&R Program Associate: DNRRRNER@wisconsin.gov

Brown, Calumet, Door, Fond du Lac **(except City of Waupun - see South Central Region)**, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Sheboygan, Waupaca, Waushara, Winnebago counties

Northern Region (FAX: 715-623-6773); Attention -- R&R Program Associate: DNRRRNOR@wisconsin.gov

Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties

South Central Region (FAX: 608-273-5610); Attention -- R&R Program Associate: DNRRRSCR@wisconsin.gov

Columbia, Dane, Dodge, Fond du Lac **(City of Waupun only)**, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk, Walworth counties

Southeast Region (FAX: 414-263-8550); Attention -- R&R Program Associate: DNRRRSER@wisconsin.gov

Kenosha, Milwaukee, Ozaukee, Racine, Washington, Waukesha counties

West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov

Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

July 6, 2016

Kwik Trip, Inc.
Attn: Mr. Troy Batzel
1626 Oak Street
LaCrosse, WI 54603

Subject:

Phase II Environmental Site Assessment Report
Kwik Trip #163
105 6th Street West & 109 6th Street East
Ashland, WI 54806

Dear Mr. Batzel:

This letter and enclosed information will serve to summarize the results of the Phase II subsurface site investigation activities at the above referenced site. The site location is shown on Figure 1.

The proposed Kwik Trip #163 site consists of three (3) parcels totaling 2.479 acres. The 105 6th Street West properties are vacant, and were formerly occupied by a gas station and petroleum bulk plant. The 109 6th Street East parcel was also used as a gas station and petroleum bulk plant, and is currently used for retail petroleum sales and convenience store. The site layout is shown on Figure 2

The results of a Phase I ESA conducted in December 2015 identified the following Recognized Environmental Conditions (RECs):

- Former use of the 105 6th Street West property by Quearm Oil Company for retail petroleum sales and as a petroleum bulk plant. A Leaking Underground Storage Tank (LUST) and Environmental Repair Program (ERP) investigation were conducted at each of the source areas. A large scale excavation of the sources was conducted, which resulted in the majority of soil contamination being removed. Both sites were closed by the WDNR without restriction. Although no formal restrictions were placed on the property, the sites were closed with residual soil contamination. Closure documents specified that any impacted soil removed from the property required treatment as a solid waste.
- Former and current use of the 109 6th Street East property by Midland Services as a bulk plant and retail petroleum sales facility. The site was investigated, remediated and closed with a GIS registry for residual soil contamination in 2003. Any contaminated soil removed from this property is also required to be treated as solid waste.

On December 17, 2015, REI Engineering, Inc. (REI) was on site to oversee the installation of six (6) hollow stem auger soil borings on the 105 6th Street West property at the locations shown on Figure 2. Borings were installed within areas of known contamination as identified on the GIS registry, areas of previous excavation to document backfill compaction, and on areas not previously investigated.

On June 6, 2016, REI was on site to oversee four (4) additional soil borings on the 109 6th Street East property at the locations shown on Figure 2. Borings were installed in areas not previously investigated, locations pertinent to geotechnical analysis based on the proposed site plan, and in areas of known contamination as identified on the GIS registry.

Borings were installed by Giles Engineering Associates of Waukesha, WI. Hollow stem auger soil samples were collected at one and one-half (1.5) foot intervals. Soil samples were field screened with a Mini-Rae 3000 photoionization detector (PID) with a 10.6 eV lamp. The maximum boring depth was twenty-one (21) feet bls. Surficial soil deposits consisted of sand and gravel or silty clay, underlain by native red clay to the maximum boring depth of twenty-one (21) feet bls. Groundwater was not encountered, although based on investigations in the area, groundwater is present at approximately thirty (30) feet bls. Sandstone bedrock is present at approximately 150 feet bls. The soil boring logs and abandonment forms are included in Attachment A.

Results

105 6th Street West Property

Field screenings ranged from 0-2.3 Instrument Units (I.U.s) on the PID for the presence of organic vapors. Two (2) soil samples were collected from each borehole and submitted to Pace Analytical, of Green Bay, WI for Volatile Organic Compounds (VOC) and Polynuclear Aromatic Hydrocarbon (PAH) analysis. Based on former property use as bulk plant, samples were submitted preferentially from the top four (4) feet, and at depth in the native clay.

Sample B1, 4.5-6 contained exceedances of the NR 720 Groundwater Protection Residual Contaminant Level (RCL) for benzene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and dibenzo(a,h)anthracene. The remaining samples were low-level or non-detect. The results of soil sampling are summarized on Tables 1a and 1b.

109 6th Street East Property

Field screenings ranged from 0-700.9 I.U.s on the PID. One soil sample was collected from each borehole and submitted to Pace Analytical for VOC analysis. Sample B10, 7-8.5' exceeded the RCL for benzene, ethylbenzene, naphthalene, toluene, trimethylbenzenes, and xylenes. This boring was installed in the former UST basin, and the contamination is documented on the GIS registry. The results are summarized on Table 1a.

One groundwater sample was collected from the perched water in the former UST basin (B10). This sample exceeded the NR 140 Enforcement Standard (ES) for benzene, ethylbenzene, toluene, trimethylbenzenes, and total xylenes. The results are summarized on Table 2.

The complete laboratory reports are included in Attachment B.

Conclusion

Based on the results of soil sampling, and review of the previous investigative file, isolated small areas of residual soil contamination are present on the 105 6th Street West site, while one (1) area of contamination is present on 109 6th Street East. Qualified personnel should be present to screen any soils removed from the site. Management of contaminated soil will be addressed in the soil and groundwater management plan.

REI thanks you for the opportunity to service your environmental consulting needs. Please contact me at (715) 675-9784 or adelforge@reiengineering.com if you would like to discuss this further.

Sincerely,
REI Engineering, Inc.

Andrew R. Delforge P.G.
Hydrogeologist/Project Manager

TABLE 1a
VOC SOIL ANALYTICAL RESULTS
KWIK TRIP #163
105 6TH STREET WEST & 109 6TH STREET EAST
ASHLAND, WI 54806

		Date-->	***12/17/15***	***12/17/15***	***12/17/15***	***12/17/15***	***12/17/15***	***12/17/15***	***12/17/15***	***12/17/15***	***12/17/15***	***12/17/15***	***6/16/16***	***12/17/15***	***12/17/15***	***12/17/15***
		Boring-->	***B1***	***B1***	***B2***	***B3***	***B3***	***B4***	***B4***	***B5***	***B6***	***MeOH***	***B7***	***B8***	***B9***	***B10***
		Sample Depth--(Feet)>	***4.5-6***	***9.5-11***	***2-3.5***	***2-3.5***	***4.5-6***	***2-3.5***	***9.5-11***	***4.5-6***	***9.5-11***	***Blank***	***7-8.5***	***4.5-6***	***2-3.5***	***7-8.5***
Petroleum VOC's (ug/kg)	NTEDC	GW														
Benzene	1,490	5.1	**588**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**10,700**
Bromobenzene	354,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Bromochloromethane	232,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Bromodichloromethane	390	0.3	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Bromoform	61,500	2.3	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Bromomethane	10,300	5.1	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<874
n-Butylbenzene	108,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	8,150
sec-Butylbenzene	145,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,410
tert-Butylbenzene	183,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Carbon Tetrachloride	854	3.9	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Chlorobenzene	392,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Chloroethane	NS	226.6	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<838
Chloroform	423	3.3	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<581
Chloromethane	171,000	15.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
2-Chlorotoluene	NS	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
4-Chlorotoluene	NS	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,2 Dibromo-3-chloropropane	8	0.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<1140
Dibromochloromethane	933	32	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,2-Dibromoethane	47	0.0282	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Dibromomethane	35,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,2-Dichlorobenzene	376,000	1,168	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,3-Dichlorobenzene	297,000	1,152.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,4-Dichlorobenzene	3,480	144	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Dichlorodifluoromethane	135,000	3,086.3	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,1-Dichloroethane	4,720	482.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,2-Dichloroethane	608	2.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,1-Dichloroethylene	342,000	5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
cis-1,2-Dichloroethylene	156,000	41.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
trans-1,2-Dichloroethylene	1,560,000	58.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,2-Dichloropropane	1,330	3.3	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,3-Dichloropropane	1,490,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
2,2-Dichloropropane	527,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,1-Dichloropropylene	NS	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
cis-1,3-Dichloropropylene	1,220,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
trans-1,3-Dichloropropylene	1,570,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
(di)isopropyl ether	2,260,000	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Ethylbenzene	7,470	1,570	417	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	45.9j	<25.0	<25.0	<25.0	<25.0	<25.0	**29,800**
Hexachloro (1,3) butadiene	6,220	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Isopropylbenzene	NS	NS	51.2j	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	2,410
p-Isopropyltoluene	162,000	NS	47.1j	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	713j
Methylene Chloride	60,700	2.6	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Methly tert Butyl Ether	59,400	27	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Naphthalene	5,150	658.2	130j	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	**14,600**
n-Propylbenzene	NS	NS	91.9	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	11,100
Styrene	867,000	220	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,1,1,2-Tetrachloroethane	2,590	53.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,1,2,2-Tetrachloroethane	753	0.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Tetrachloroethene	30,700	4.50	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Toluene	818,000	1,107.2	231	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	484	59.4j	<25.0	<25.0	<25.0	<25.0	**14,500**
1,2,3-Trichlorobenzene	48,900	NS	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,2,4-Trichlorobenzene	22,000	408	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<594
1,1,1-Trichloroethane	640,000	140.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,1,2-Trichloroethane	1,480	3.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Trichloroethene	1,260	3.6	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Trichlorofluoromethane	1,120,000	4,475.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,2,3-Trichloropropane	5	51.9	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
1,2,4-Trimethylbenzene	89,800	1,382.1	832	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	77.9	<25.0	<25.0	<25.0	<25.0	<25.0	**100,000**
1,3,5-Trimethylbenzene	182,000		388	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	54.2j	<25.0	<25.0	<25.0	<25.0	<25.0	**31,800**
Vinyl Chloride	67	0.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<312
Xylenes (Total)	258,000	3,940	2,121	<75	<75	<75	<75	<75	<75	229.9	<75	<75	<75	<75	<75	**206,300**

Notes:

NTEDC - Not To Exceed Direct Contact Residual Contaminant Level (RCL)

GW - RCL Protective of Groundwater Quality

< - Concentration below listed laboratory detection limit

GW RCL exceedences are bold **Bold**

NTEDC RCL exceedances are outlined in bold **Bold**

NS - No Standard

j - Estimated Value between detection limit and quantification limit

TABLE 1b
PAH SOIL ANALYTICAL RESULTS
KWIK TRIP #163
105 6TH STREET WEST & 109 6TH STREET EAST
ASHLAND, WI 54806

		Date-->	*12/17/15*	*12/17/15*	*12/17/15*	*12/17/15*	*12/17/15*	*12/17/15*	*12/17/15*	*12/17/15*	*12/17/15*
		Sample-->	***B1***	***B1***	***B2***	***B3***	***B3***	***B4***	***B4***	***B5***	***B6***
		Depth-->	***4.5-6***	***9.5-11***	***2-3.5***	***2-3.5***	***4.5-6***	***2-3.5***	***9.5-11***	***4.5-6***	***9.5-11***
PAH's (ug/kg)	**DC RCL**	**GW RCL**									
Acenaphthene	3,440,000	NS	<58.4	<10.0	<9.8	<9.7	<9.8	<10.0	<10	<9.2	<9.8
Acenapthylene	NS	NS	<52.3	<9.0	<8.8	<8.7	<8.7	<9.0	<8.9	<8.3	<8.8
Anthracene	17,200,000	197,727.3	700	<10.4	<10.2	<10.0	<10.1	<10.4	<10.3	<9.6	<10.2
Benzo (a) Anthracene	148	NS	1,660	<7.0	<6.8	<6.7	<6.8	<6.9	<6.9	<6.4	<6.8
Benzo (a) Pyrene	15	470	**1,680**	<7.2	<7.0	<6.9	<7.0	<7.2	<7.1	<6.6	<7.0
Benzo (b) Fluoranthene	148	479.3	**1,520**	<10.0	<9.8	<9.7	<9.8	<10.0	<10	<9.2	<9.8
Benzo (g,h,i)perylene	NS	NS	857	<7.7	<7.5	<7.4	<7.4	<7.6	<7.6	<7.0	<7.5
Benzo (k) Fluoranthene	1,480	NS	1,360	<11.1	<10.9	<10.7	<10.8	<11.1	<11.0	<10.2	<10.8
Chrysene	14,800	144.6	**1,780**	<9.3	<9.1	<9.0	<9.0	<9.3	<9.2	<8.5	<9.1
Dibenzo (a,h) Anthracene	15	NS	**365**	<7.4	<7.2	<7.1	<7.2	<7.3	<7.3	<6.8	<7.2
Fluoranthene	2,290,000	88,877.8	1,900	<10.0	<9.8	<9.7	<9.8	<10.0	<10	<9.2	<9.8
Fluorene	2,290,000	14,802.7	<58.4	<10.0	<9.8	<9.7	<9.8	<10.0	<10	<9.2	<9.8
Ideno (1,2,3-cd) Pyrene	148	NS	810	<7.6	<7.5	<7.4	<7.4	<7.6	<7.6	<7.0	<7.4
1-Methylnaphthalene	15,600	NS	67.0j	<10.0	<9.8	<9.7	<9.8	<10.0	<10	<9.2	<9.8
2-Methylnaphthalene	229,000	NS	94.8j	<10.0	<9.8	<9.7	<9.8	<10.0	<10	<9.2	<9.8
Naphthalene	5,150	658.2	95.6j	<10.0	<9.8	<9.7	<9.8	<10.0	<10	<9.2	<9.8
Phenanthrene	NS	NS	281	<10.0	<9.8	<9.7	<9.8	<10.0	<10	<9.2	<9.8
Pyrene	1,720,000	54,132.2	2,820	<10.0	<9.8	<9.7	<9.8	<10.0	<10	<9.2	<9.8

Notes:

DC RCL - Direct Contact Non-Industrial Sites, Soil Residual Contaminant Level Determinations Using The US EPA Regional Screening Level Web Calculator

GW RCL - Groundwater RCL Soil Residual Contaminant Level Determinations Using The US EPA Regional Screening Level Web Calculator

ug/kg - parts per billion

Outlined in Bold - Exceeding DC RCL

Bold - Exceeding GW path RCL

< - Concentration below listed laboratory detection limit

PAHs - Polynuclear Aromatic Compounds

PVOCS - Petroleum Volatile Organic Compounds

NS - No Standard

NA - Not Analyzed

j - Estimated value between Limit of Detection and Limit of Quantification

TABLE 2
VOC GROUNDWATER ANALYTICAL RESULTS
KWIK TRIP #163
105 6TH STREET WEST & 109 6TH STREET EAST
ASHLAND, WI 54806

			B10
PARAMETER	**ES**	**PAL**	***6/16/16***
Detected VOC's (ug/L)			
Benzene	5	0.5	**5,320**
Bromobenzene			<11.5
Bromochloromethane			<17.0
Bromodichloromethane	0.6	0.06	<25.0
Bromoform	4.4	0.44	<25.0
Bromomethane	10	1	<122
n-Butylbenzene			<25.0
sec-Butylbenzene			<109
tert-Butylbenzene			<9.0
Carbon Tetrachloride	5	0.5	<25.0
Chlorobenzene			<25.0
Chloroethane	400	80	<18.7
Chloroform	6	0.6	<125
Chloromethane	30	3	<25.0
2-Chlorotoluene			<25.0
4-Chlorotoluene			<10.7
1,2-Dibromo-3-chloropropane	0.2	0.02	<108
Dibrochloromomethane	60	6	<25.0
1,2-Dibromoethane (EDB)	0.05	0.005	<8.9
Dibromomethane			<21.3
1,2-Dichlorobenzene	600	60	<25.0
1,3-Dichlorobenzene	600	120	<25.0
1,4-Dichlorobenzene	75	15	<25.0
Dichlorodifluoromethane	1,000	200	<11.2
1,1-Dichloroethane	850	85	<12.1
1,2-Dichloroethane	5	0.5	<8.4
1,1-Dichloroethene	7	0.7	<20.5
cis-1,2-Dichloroethene	70	7	<12.8
trans-1,2-Dichloroethene	100	20	<12.8
1,2-Dichloropropane	5	0.5	<11.7
1,3-Dichloropropane			<25.0
2,2-Dichloropropane			<24.2
1,1-Dichloropropene			<22.1
cis-1,3-Dichloropropene	0.4	0.04	<25.0
trans-1,3-Dichloropropene	0.4	0.04	<11.5
(di)Isopropyl Ether			<25.0
Ethylbenzene	700	140	**2,460**
Hexachloro(1,3)butadiene			<105
Isopropylbenzene			87.4
p-Isopropyltoluene			<25.0
Methylene Chloride	5	0.5	<11.6
Methyl-tert-Butyl Ether	60	12	<8.7
Naphthalene	100	10	**862**
n-Propylbenzene			303
Styrene	100	10	<25.0
1,1,1,2 - Tetrachloroethane	70	7	<9.0
1,1,2,2-Tetrachloroethane	0.2	0.02	<12.5
Tetrachloroethene	5	0.5	<25.0
Toluene	800	160	**1,870**
1,2,3-Trichlorobenzene			<107
1,2,4-Trichlorobenzene	70	14	<110
1,1,1-Trichloroethane	200	40	<25.0
1,1,2-Trichloroethane	5	0.5	<9.9
Trichloroethene	5	0.5	<16.5
Trichlorofluoromethane	3,490	698	<9.2
1,2,3-Trichloropropane	60	12	<25.0
Total Trimethylbenzenes	480	96	**4,113**
Vinyl Chloride	0.2	0.02	<8.8
Total Xylenes	2,000	400	**16,370**

PAL = Preventive Action Limit

ES = Enforcement Standards

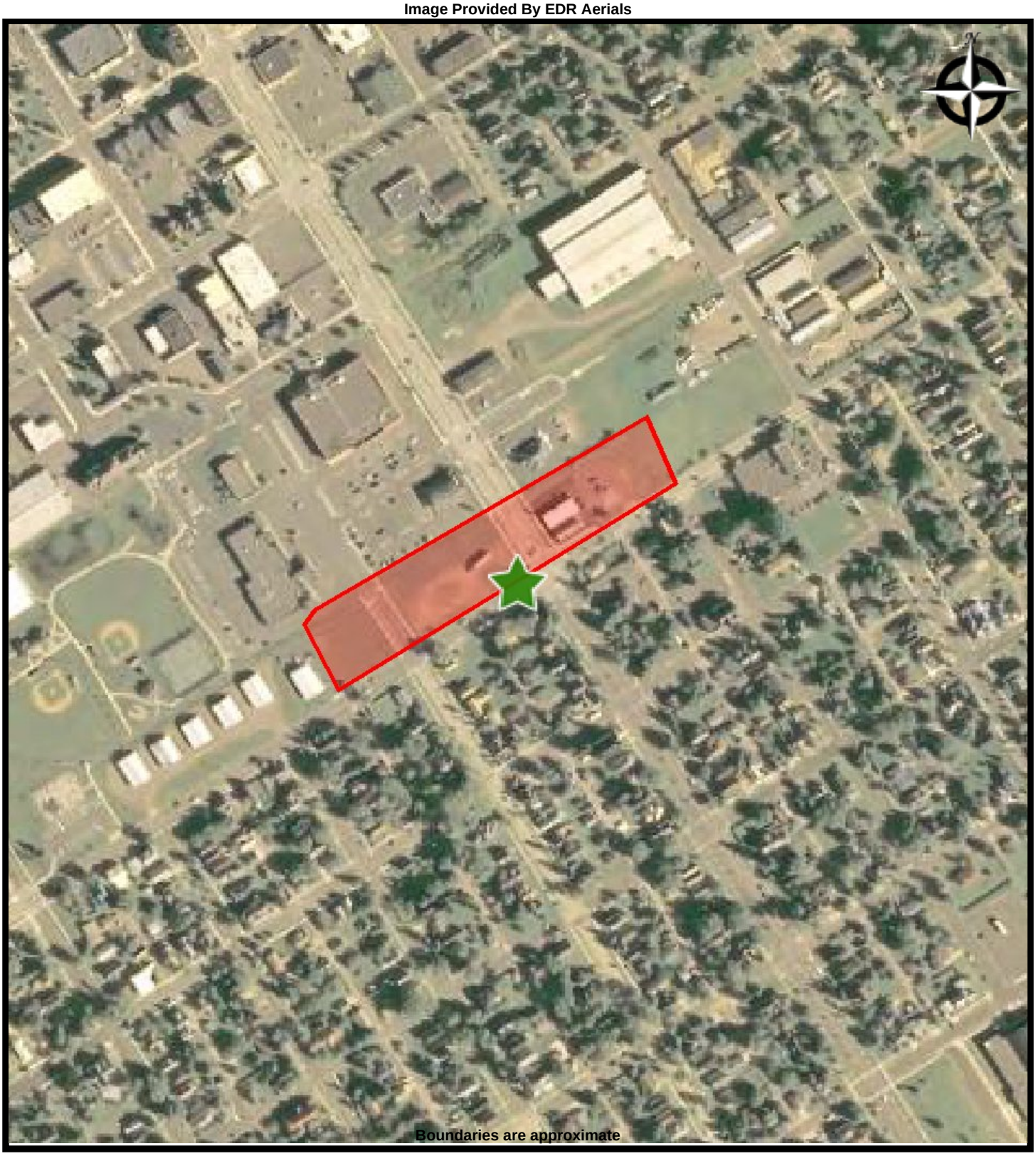
BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

j - Estimated Value between detection limit and quantification limit

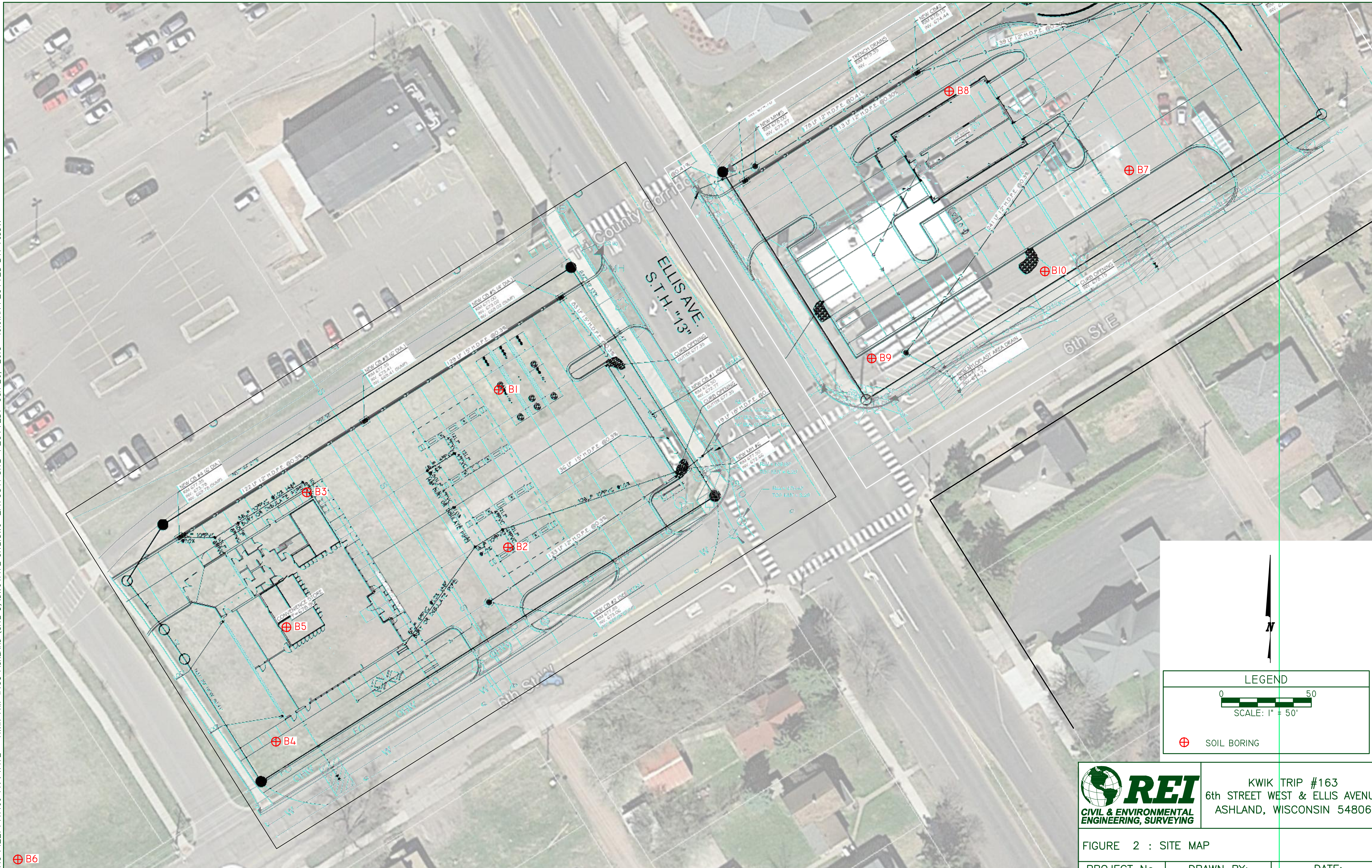
Image Provided By EDR Aerials



REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

AERIAL - 2010
KWIK TRIP #163-3
105 6th Street West & 109 6th Street East
Ashland, Wisconsin 54806

PREPARED FOR: Kwik Trip, Inc.
PROJ. MGR: **DATE: 12/2/2015**
DRAWN BY: Andrew Delforge **PROJ. #: 7172**



REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

KWIK TRIP #163
6th STREET WEST & ELLIS AVENUE
ASHLAND, WISCONSIN 54806

FIGURE 2 : SITE MAP

PROJECT No.	DRAWN BY:	DATE:
7172	TAW	6/16/2016

REI Engineering, INC.

DRAWING FILE: P:\7100-7199\7172 - Kwik Trip #163 Ashland (site 3)\dwg\7172-site.dwg LAYOUT: Site PLOTTED: JUN 20, 2016 - 10:01AM PLOTTED BY: ToddW

ATTACHMENT A

SOIL BORING LOGS AND ABANDONMENT FORMS

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Kwik Trip #163		B1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Keith - Giles	12/17/15	12/17/15	4.25" ID HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				680	8

Local Grid Orgin ☐ (estimated) ☐ or Boring Location ☒	Lat / Long	Local Grid Location
State Plane		N ☐ S ☐ E ☐ W ☐

Facility ID	County	County Code	Civil Town/City/or Village
	Ashland	02	City of Ashland

Sample Number	Sample Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				1	Grass / Red Clay	CL					M				
1	SS	18		2–3	Sand, Brown, fine to medium grained	SP			0						
2	SS	10		4–7	Clay, Black, silty	CL			2.3		M-W				
3	SS	18		8	Red Clay				0		M				
4	SS	18		10					0						
5	SS	18		12–14		CL			0						
6	SS	18		15–20					0						
				21	End of Boring @ 21 Feet										

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

Signature	Firm
	REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI

This form is authorized by Chapters 281,283,289,292,293,295, and 299, Wis. Stats. Completion of thes form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Kwik Trip #163		B2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Keith - Giles	12/17/15	12/17/15	4.25" ID HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				680	8

Local Grid Orgin ☐ (estimated) ☐ or Boring Location ☒ B2	Lat	Local Grid Location
State Plane	Long	N ☐ E ☐ S ☐ W ☐

Facility ID	County	County Code	Civil Town/City/or Village
	Ashland	02	City of Ashland

Sample Number	Sample Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				1	Blacktop	SM					M				
				2	Sand Dark brown, silty										
					Red Clay										
1	SS	18		3					0						
				4											
2	SS	18		5					0						
				6											
3	SS	18		7					0						
				8											
4	SS	18		9					0						
				10		CL									
				11											
				12											
				13											
				14											
5	SS	18		15					0						
				16											
				17											
				18											
				19											
6	SS	18		20					0						
				21	End of Boring @ 21 Feet										
				22											

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

Signature	Firm
	REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility/Project Name Kwik Trip #163	**License/Permit/Monitoring Number**	**Boring Number** B3

Boring Drilled By: Name of crew chief (first, last) and Firm Keith - Giles	**Date Drilling Started** 12/17/15	**Date Drilling Completed** 12/17/15 / **Drilling Method** 4.25" ID HSA

WI Unique Well No.	**DNR Well ID No.**	**Common Well Name**	**Final Static Water Level**	**Surface Elevation** 680	**Borehole Diameter** 8

Local Grid Orgin ☐ (estimated) ☐ or Boring Location ☒ / **State Plane**	**Lat** / **Long**	**Local Grid Location** N☐ E☐ S☐ W☐

Facility ID	**County** Ashland	**County Code** 02	**Civil Town/City/or Village** City of Ashland

Sample Number	Sample Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				1	**Grass**						M				
				2	**Sand** Brown, fine to medium grained	SP									
1	SS	12		3	**Sand and gravel** Black, with embers	SP			0						
				4	**Sand** Brown, fine to medium grained	SP									
2	SS	18		5	**Red Clay**				0						
				6											
3	SS	18		7					0						
				8											
4	SS	18		9					0						
				10											
				11											
				12		CL									
				13											
				14											
5	SS	18		15					0						
				16											
				17											
				18											
				19											
6	SS	18		20					0						
				21	**End of Boring @ 21 Feet**										
				22											

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

Signature	**Firm** REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility/Project Name Kwik Trip #163	**License/Permit/Monitoring Number**	**Boring Number** B4

Boring Drilled By: Name of crew chief (first, last) and Firm Keith - Giles	**Date Drilling Started** 12/17/15	**Date Drilling Completed** 12/17/15	**Drilling Method** 4.25" ID HSA

WI Unique Well No.	**DNR Well ID No.**	**Common Well Name**	**Final Static Water Level**	**Surface Elevation** 680	**Borehole Diameter** 8

Local Grid Orgin ☐ (estimated) ☐ or Boring Location ☒ B4 **State Plane**	**Lat** **Long**	**Local Grid Location** N ☐ E ☐ S ☐ W ☐

Facility ID	**County** Ashland	**County Code** 02	**Civil Town/City/or Village** City of Ashland

Sample Number	Sample Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				0	**Grass**	SP					M				
				1	**Sand and gravel**	SP									
1	SS	18		2	**Sand** Brown, fine to medium grained	CL			0						
				3	**Clay** Brown, silty										
2	SS	18		4	**Red Clay**	CL			0						
				5							M-W				
3	SS	18		6	**Sand** Gray, fine to medium grained	SP			0		M				
				7	**Red Clay**										
4	SS	18		8		CL			0						
				9											
				10	**Red Clay** With sand lenses				0						
				11		CL									
				12											
				13	**Red Clay**										
5	SS	18		14					0						
				15											
				16											
				17		CL									
				18											
				19											
6	SS	18		20					0						
				21	**End of Boring @ 21 Feet**										
				22											

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

Signature	**Firm** **REI Engineering, Inc.** 4080 North 20th Avenue, Wausau, WI

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Kwik Trip #163		B5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Keith - Giles	12/17/15	12/17/15	4.25" ID HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				680	8

Local Grid Orgin ☐ (estimated) ☐ or Boring Location ☒ B5	Lat	Local Grid Location
State Plane	Long	N ☐ E ☐ S ☐ W ☐

Facility ID	County	County Code	Civil Town/City/or Village
	Ashland	02	City of Ashland

Sample Number	Sample Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				1	Grass						M-W				
				1	Sand Brown, fine to medium grained										
1	SS	12		3		SP			0						
2	SS	14		5					0						
				6	Red Clay						M				
3	SS	18		8					0						
4	SS	18		10					0						
				13		CL									
5	SS	18		15					0						
6	SS	18		20					0						
				21	End of Boring @ 21 Feet										
				22											

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

Signature	Firm
	REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI

This form is authorized by Chapters 281,283,289,292,293,295, and 299, Wis. Stats. Completion of thes form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Kwik Trip #163		B6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Keith - Giles	12/17/15	12/17/15	4.25" ID HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				680	8

Local Grid Orgin ☐ (estimated) ☐ or Boring Location ☒	Lat / Long	Local Grid Location
State Plane		N ☐ S ☐ E ☐ W ☐

Facility ID	County	County Code	Civil Town/City/or Village
	Ashland	02	City of Ashland

Sample Number	Sample Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				1	Grass						M				
					Topsoil Dark brown silty sand	SM									
1	SS	18		2	Red Clay				0						
				3											
2	SS	10		4					0						
				5											
3	SS	8		6					0						
				7											
4	SS	18		8					0						
				9											
				10											
				11											
				12											
				13		CL									
				14											
5	SS	18		15					0						
				16											
				17											
				18											
				19											
6	SS	18		20					0						
				21	End of Boring @ 21 Feet										
				22											

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

Signature	Firm
	REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI

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State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☑ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Ashland	_ _ _ _ _ _	B1

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

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 105 6th St. West

Well City, Village or Town	Well ZIP Code
AShland	54806

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil sampling complete	_ _ _ _ _ _

2. Facility / Owner Information

Facility Name: Kwik Trip #163
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner: City of Ashland
Mailing Address of Present Owner: 601 West Main Street

City of Present Owner	State	ZIP Code
Ashland	WI	54806

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☑ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/17/15

If a Well Construction Report is available, please attach.

Construction Type:
☑ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
21	

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

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	Not encountered

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☑ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	21	3 bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Keith - Giles		12/17/15

Street or Route	Telephone Number
4080 N. 20th Avenue	(715) 675-9784

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Wausau	WI	54401		12/21/15

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☑ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Ashland	_ _ _ _ _ _	B2

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

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 105 6th St. West

Well City, Village or Town	Well ZIP Code
AShland	54806

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil sampling complete	_ _ _ _ _ _

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☑ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/17/15

If a Well Construction Report is available, please attach.

Construction Type:
☑ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
21	

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

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	Not encountered

2. Facility / Owner Information

Facility Name: Kwik Trip #163
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner: City of Ashland
Mailing Address of Present Owner: 601 West Main Street

City of Present Owner	State	ZIP Code
Ashland	WI	54806

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☑ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	21	3 bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Keith - Giles		12/17/15

Street or Route	Telephone Number
4080 N. 20th Avenue	(715) 675-9784

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Wausau	WI	54401		12/21/15

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☑ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Ashland	_ _ _ _ _ _ _	B3

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

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 105 6th St. West

Well City, Village or Town	Well ZIP Code
AShland	54806

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil sampling complete	_ _ _ _ _ _ _

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☑ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/17/15

If a Well Construction Report is available, please attach.

Construction Type:
☑ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
21	

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

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	Not encountered

2. Facility / Owner Information

Facility Name: Kwik Trip #163
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner: City of Ashland
Mailing Address of Present Owner: 601 West Main Street

City of Present Owner	State	ZIP Code
Ashland	WI	54806

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☑ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	21	3 bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Keith - Giles		12/17/15

Street or Route	Telephone Number
4080 N. 20th Avenue	(715) 675-9784

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Wausau	WI	54401		12/21/15

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☑ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Ashland	_ _ _ _ _ _ _	B4

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

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 105 6th St. West

Well City, Village or Town	Well ZIP Code
AShland	54806

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil sampling complete	_ _ _ _ _ _ _

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☑ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/17/15

If a Well Construction Report is available, please attach.

Construction Type:
☑ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
21	

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

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	Not encountered

2. Facility / Owner Information

Facility Name: Kwik Trip #163
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner: City of Ashland
Mailing Address of Present Owner: 601 West Main Street

City of Present Owner	State	ZIP Code
Ashland	WI	54806

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☑ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	21	3 bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Keith - Giles		12/17/15

Street or Route	Telephone Number
4080 N. 20th Avenue	(715) 675-9784

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Wausau	WI	54401		12/21/15

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☑ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Ashland	_ _ _ _ _	B5

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

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 105 6th St. West

Well City, Village or Town	Well ZIP Code
AShland	54806

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil sampling complete	_ _ _ _ _

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☑ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/17/15

If a Well Construction Report is available, please attach.

Construction Type:
☑ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
21	

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

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	Not encountered

2. Facility / Owner Information

Facility Name: Kwik Trip #163
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner: City of Ashland
Mailing Address of Present Owner: 601 West Main Street

City of Present Owner	State	ZIP Code
Ashland	WI	54806

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☑ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	21	3 bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Keith - Giles		12/17/15

Street or Route	Telephone Number
4080 N. 20th Avenue	(715) 675-9784

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Wausau	WI	54401		12/21/15

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☑ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Ashland	_ _ _ _ _ _	B6

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

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 105 6th St. West

Well City, Village or Town	Well ZIP Code
AShland	54806

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil sampling complete	_ _ _ _ _ _

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☑ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/17/15

If a Well Construction Report is available, please attach.

Construction Type:
☑ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
21	

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

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	Not encountered

2. Facility / Owner Information

Facility Name: Kwik Trip #163
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner: City of Ashland
Mailing Address of Present Owner: 601 West Main Street

City of Present Owner	State	ZIP Code
Ashland	WI	54806

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☑ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	21	3 bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Keith - Giles		12/17/15

Street or Route	Telephone Number
4080 N. 20th Avenue	(715) 675-9784

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Wausau	WI	54401		12/21/15

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Kwik Trip #163		B10

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Keith - Giles	6/16/16	6/16/16	4.25" ID HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				680	8 0

Local Grid Orgin ☐ (estimated) ☐ or Boring Location ☒	Lat / Long	Local Grid Location
State Plane		N ☐ S ☐ E ☐ W ☐

Facility ID	County	County Code	Civil Town/City/or Village
	Ashland	02	City of Ashland

Sample Number	Sample Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				1	**Blacktop**						W				
				2	**Sand Backfill - Former UST Basin** Dark brown, fine to medium grained										
1	SS	10		3					0						
				4											
2	SS	12		5					7.5						
				6											
3	SS	18		7											
				8		SP			700.9						
				9											
4	SS	18		10					651						
				11											
				12											
				13											
				14											
5	SS	18		15	**Red Clay**				48.2		M-W				
				16											
				17							M				
				18		CL									
				19											
6	SS	18		20					10.2						
				21	**End of Boring @ 21 Feet**										
				22											

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

Signature	Firm
	REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI

This form is authorized by Chapters 281,283,289,292,293,295, and 299, Wis. Stats. Completion of thes form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Kwik Trip #163		B7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Keith - Giles	6/16/16	6/16/16	4.25" ID HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				680	8

Local Grid Orgin ☐ (estimated) ☐ or Boring Location ☒	Lat / Long	Local Grid Location
State Plane		N ☐ S ☐ E ☐ W ☐

Facility ID	County	County Code	Civil Town/City/or Village
	Ashland	02	City of Ashland

Sample Number	Sample Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				1	**Blacktop**						W				
					Sand Black, medium to coarse grained, with gravel	SP									
1	SS	12		2	**Sand** Red-brown, fine grained	SP			0						
				3	**Sand** Black, fine grained	SP									
2	SS	18		4	**Sand** Red-brown, fine to medium grained	SP			0						
				5											
3	SS	18		6					0		M-W				
				7	**Red Clay**										
4	SS	18		8					0		W				
				9											
				10											
				11											
				12											
				13		CL					M-W				
				14											
5	SS	18		15					0						
				16											
				17											
				18							M				
				19											
6	SS	18		20					0						
				21	**End of Boring @ 21 Feet**										
				22											

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

Signature	Firm
	REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Kwik Trip #163		B8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Keith - Giles	6/16/16	6/16/16	4.25" ID HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				680	8

Local Grid Orgin ☐ (estimated) ☐ or Boring Location ☒B8	Lat	Local Grid Location
State Plane	Long	N☐ E☐ S☐ W☐

Facility ID	County	County Code	Civil Town/City/or Village
	Ashland	02	City of Ashland

Sample Number	Sample Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				1	**Blacktop**						M				
					Sand Dark brown, fine to medium grained	SP									
1	SS	18		2	**Black Clay**	CL			0						
				3	**Red Clay**	CL									
					3/8" Gravel	GP									
2	SS	6		4	**Red Clay**	CL			0						
				5											
				6	**Gray Clay** Silty	CL									
3	SS	18		7	**Red Clay**				0						
				8											
				9											
4	SS	18		10					0						
				11											
				12											
				13		CL									
				14											
5	SS	18		15					0						
				16											
				17											
				18											
				19											
6	SS	18		20					0						
				21	**End of Boring @ 21 Feet**										
				22											

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

Signature	Firm
	REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Kwik Trip #163		B9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Keith - Giles	6/16/16	6/16/16	4.25" ID HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				680	8

Local Grid Orgin ☐ (estimated) ☐ or Boring Location ☒ B9	Lat	Local Grid Location
State Plane	Long	N☐ E☐ S☐ W☐

Facility ID	County	County Code	Civil Town/City/or Village
	Ashland	02	City of Ashland

Sample Number	Sample Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				1	Blacktop						M				
					Sand Dark brown, fine to medium grained	SP									
1	SS	18		2	Red Clay	CL			0						
				3	Gray Clay	CL									
				4	Red Clay										
2	SS	18		5					0						
				6											
3	SS	18		7					0						
				8											
4	SS	18		9					0						
				10											
				11											
				12											
				13		CL									
				14											
5	SS	18		15					0						
				16											
				17											
				18											
				19											
6	SS	18		20					0						
				21	End of Boring @ 21 Feet										
				22											

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

Signature	Firm
	REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI

This form is authorized by Chapters 281,283,289,292,293,295, and 299, Wis. Stats. Completion of thes form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Ashland	_ _ _ _ _ _ _	B7

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

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 109 6th Street East

Well City, Village or Town	Well ZIP Code
Ashland	54806

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Sampling complete	_ _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: Kwik Trip #163
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner: Kwik Trip, Inc.
Mailing Address of Present Owner: 1626 Oak Street

City of Present Owner	State	ZIP Code
LaCrosse	WI	54603

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☑ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/16/16

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

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

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

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	Not encountered

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☑ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	21	3 bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Keith Flowers - Giles		6/16/16

Street or Route	Telephone Number
4080 N. 20th Avenue	(715) 675-9784

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Wausau	WI	54401		7/6/16

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Ashland	_ _ _ _ _ _ _	B8

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

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 109 6th Street East

Well City, Village or Town	Well ZIP Code
Ashland	54806

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Sampling complete	_ _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: Kwik Trip #163
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner: Kwik Trip, Inc.
Mailing Address of Present Owner: 1626 Oak Street

City of Present Owner	State	ZIP Code
LaCrosse	WI	54603

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☑ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/16/16
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

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

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

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	Not encountered

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☑ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	21	3 bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Keith Flowers - Giles		6/16/16

Street or Route	Telephone Number
4080 N. 20th Avenue	(715) 675-9784

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Wausau	WI	54401		7/6/16

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Ashland	_ _ _ _ _	B9

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

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 109 6th Street East

Well City, Village or Town	Well ZIP Code
Ashland	54806

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Sampling complete	_ _ _ _ _

2. Facility / Owner Information

Facility Name: Kwik Trip #163
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner: Kwik Trip, Inc.
Mailing Address of Present Owner: 1626 Oak Street

City of Present Owner	State	ZIP Code
LaCrosse	WI	54603

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☑ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/16/16

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

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

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

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	Not encountered

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☑ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	21	3 bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Keith Flowers - Giles		6/16/16

Street or Route	Telephone Number
4080 N. 20th Avenue	(715) 675-9784

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Wausau	WI	54401		7/6/16

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Ashland	_ _ _ _ _	B10

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

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 109 6th Street East

Well City, Village or Town	Well ZIP Code
Ashland	54806

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Sampling complete	_ _ _ _ _

2. Facility / Owner Information

Facility Name: Kwik Trip #163
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner: Kwik Trip, Inc.
Mailing Address of Present Owner: 1626 Oak Street

City of Present Owner	State	ZIP Code
LaCrosse	WI	54603

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☑ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/16/16
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

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

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

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	1

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☑ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☑ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☑ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	21	3 bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Keith Flowers - Giles		6/16/16

Street or Route	Telephone Number
4080 N. 20th Avenue	(715) 675-9784

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Wausau	WI	54401		7/6/16

DNR Use Only

Date Received	Noted By

Comments:

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

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

December 29, 2015

Andy Delforge
REI
4080 North 20th Avenue
Wausau, WI 54401

RE: Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Dear Andy Delforge:
Enclosed are the analytical results for sample(s) received by the laboratory on December 18, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Steven Mleczko for
Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

cc: Troy Batzel, Kwik Trip, Inc
DAVID LARSEN, REI

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

CERTIFICATIONS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP ID: 460263
Virginia VELAP Certification ID: 460263
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40126376001	**B1, 4.5-6'**	Solid	12/17/15 08:29	12/18/15 08:50
40126376002	**B1, 9.5-11'**	Solid	12/17/15 08:35	12/18/15 08:50
40126376003	**B2, 2-3.5'**	Solid	12/17/15 08:53	12/18/15 08:50
40126376004	**B3, 2-3.5'**	Solid	12/17/15 09:29	12/18/15 08:50
40126376005	**B3, 4.5-6'**	Solid	12/17/15 09:33	12/18/15 08:50
40126376006	**B4, 2-3.5'**	Solid	12/17/15 09:53	12/18/15 08:50
40126376007	**B4, 9.5-11'**	Solid	12/17/15 10:03	12/18/15 08:50
40126376008	**B5, 4.5-6'**	Solid	12/17/15 10:18	12/18/15 08:50
40126376009	**B6, 9.5-11'**	Solid	12/17/15 10:52	12/18/15 08:50
40126376010	**MEOH BLANK**	Solid	12/17/15 00:00	12/18/15 08:50

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

SAMPLE ANALYTE COUNT

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40126376001	**B1, 4.5-6'**	EPA 8270 by SIM	ARO	20
		EPA 8260	SMT	64
		ASTM D2974-87	TEL	1
40126376002	**B1, 9.5-11'**	EPA 8270 by SIM	ARO	20
		EPA 8260	SMT	64
		ASTM D2974-87	TEL	1
40126376003	**B2, 2-3.5'**	EPA 8270 by SIM	ARO	20
		EPA 8260	SMT	64
		ASTM D2974-87	TEL	1
40126376004	**B3, 2-3.5'**	EPA 8270 by SIM	ARO	20
		EPA 8260	SMT	64
		ASTM D2974-87	TEL	1
40126376005	**B3, 4.5-6'**	EPA 8270 by SIM	ARO	20
		EPA 8260	SMT	64
		ASTM D2974-87	TEL	1
40126376006	**B4, 2-3.5'**	EPA 8270 by SIM	ARO	20
		EPA 8260	SMT	64
		ASTM D2974-87	TEL	1
40126376007	**B4, 9.5-11'**	EPA 8270 by SIM	ARO	20
		EPA 8260	SMT	64
		ASTM D2974-87	TEL	1
40126376008	**B5, 4.5-6'**	EPA 8270 by SIM	ARO	20
		EPA 8260	SMT	64
		ASTM D2974-87	TEL	1
40126376009	**B6, 9.5-11'**	EPA 8270 by SIM	ARO	20
		EPA 8260	SMT	64
		ASTM D2974-87	TEL	1
40126376010	**MEOH BLANK**	EPA 8260	SMT	64

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B1, 4.5-6' **Lab ID: 40126376001** Collected: 12/17/15 08:29 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<58.4**	ug/kg	117	58.4	5	12/24/15 07:55	12/28/15 15:35	83-32-9	
Acenaphthylene	**<52.3**	ug/kg	117	52.3	5	12/24/15 07:55	12/28/15 15:35	208-96-8	
Anthracene	**700**	ug/kg	117	60.6	5	12/24/15 07:55	12/28/15 15:35	120-12-7	
Benzo(a)anthracene	**1660**	ug/kg	117	40.5	5	12/24/15 07:55	12/28/15 15:35	56-55-3	
Benzo(a)pyrene	**1680**	ug/kg	117	41.8	5	12/24/15 07:55	12/28/15 15:35	50-32-8	
Benzo(b)fluoranthene	**1520**	ug/kg	117	58.4	5	12/24/15 07:55	12/28/15 15:35	205-99-2	
Benzo(g,h,i)perylene	**857**	ug/kg	117	44.5	5	12/24/15 07:55	12/28/15 15:35	191-24-2	
Benzo(k)fluoranthene	**1360**	ug/kg	117	64.7	5	12/24/15 07:55	12/28/15 15:35	207-08-9	
Chrysene	**1780**	ug/kg	117	54.0	5	12/24/15 07:55	12/28/15 15:35	218-01-9	
Dibenz(a,h)anthracene	**365**	ug/kg	117	42.9	5	12/24/15 07:55	12/28/15 15:35	53-70-3	
Fluoranthene	**1900**	ug/kg	117	58.4	5	12/24/15 07:55	12/28/15 15:35	206-44-0	
Fluorene	**<58.4**	ug/kg	117	58.4	5	12/24/15 07:55	12/28/15 15:35	86-73-7	
Indeno(1,2,3-cd)pyrene	**810**	ug/kg	117	44.4	5	12/24/15 07:55	12/28/15 15:35	193-39-5	
1-Methylnaphthalene	**67.0J**	ug/kg	117	58.4	5	12/24/15 07:55	12/28/15 15:35	90-12-0	
2-Methylnaphthalene	**94.8J**	ug/kg	117	58.4	5	12/24/15 07:55	12/28/15 15:35	91-57-6	
Naphthalene	**95.6J**	ug/kg	117	58.4	5	12/24/15 07:55	12/28/15 15:35	91-20-3	
Phenanthrene	**281**	ug/kg	117	58.4	5	12/24/15 07:55	12/28/15 15:35	85-01-8	
Pyrene	**2820**	ug/kg	117	58.4	5	12/24/15 07:55	12/28/15 15:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	39-130		5	12/24/15 07:55	12/28/15 15:35	321-60-8	
Terphenyl-d14 (S)	65	%	37-130		5	12/24/15 07:55	12/28/15 15:35	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**588**	ug/kg	84.1	35.1	1	12/21/15 08:00	12/21/15 19:13	71-43-2	
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	12/21/15 08:00	12/21/15 19:13	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	12/21/15 08:00	12/21/15 19:13	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	12/21/15 08:00	12/21/15 19:13	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	12/21/15 08:00	12/21/15 19:13	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	541-73-1	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B1, 4.5-6' **Lab ID: 40126376001** Collected: 12/17/15 08:29 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	108-20-3	W
Ethylbenzene	**417**	ug/kg	84.1	35.1	1	12/21/15 08:00	12/21/15 19:13	100-41-4	
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	87-68-3	W
Isopropylbenzene (Cumene)	**51.2J**	ug/kg	84.1	35.1	1	12/21/15 08:00	12/21/15 19:13	98-82-8	
p-Isopropyltoluene	**47.1J**	ug/kg	84.1	35.1	1	12/21/15 08:00	12/21/15 19:13	99-87-6	
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	1634-04-4	W
Naphthalene	**130J**	ug/kg	351	56.2	1	12/21/15 08:00	12/21/15 19:13	91-20-3	
n-Propylbenzene	**91.9**	ug/kg	84.1	35.1	1	12/21/15 08:00	12/21/15 19:13	103-65-1	
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	127-18-4	W
Toluene	**231**	ug/kg	84.1	35.1	1	12/21/15 08:00	12/21/15 19:13	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	12/21/15 08:00	12/21/15 19:13	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	96-18-4	W
1,2,4-Trimethylbenzene	**832**	ug/kg	84.1	35.1	1	12/21/15 08:00	12/21/15 19:13	95-63-6	
1,3,5-Trimethylbenzene	**388**	ug/kg	84.1	35.1	1	12/21/15 08:00	12/21/15 19:13	108-67-8	
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:13	75-01-4	W
m&p-Xylene	**1610**	ug/kg	168	70.1	1	12/21/15 08:00	12/21/15 19:13	179601-23-1	
o-Xylene	**511**	ug/kg	84.1	35.1	1	12/21/15 08:00	12/21/15 19:13	95-47-6	
Surrogates									
Dibromofluoromethane (S)	72	%	49-157		1	12/21/15 08:00	12/21/15 19:13	1868-53-7	
Toluene-d8 (S)	77	%	61-148		1	12/21/15 08:00	12/21/15 19:13	2037-26-5	
4-Bromofluorobenzene (S)	66	%	53-134		1	12/21/15 08:00	12/21/15 19:13	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B1, 4.5-6' **Lab ID: 40126376001** Collected: 12/17/15 08:29 Received: 12/18/15 08:50 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
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**28.7**	%	0.10	0.10	1		12/21/15 15:53		

Sample: B1, 9.5-11' **Lab ID: 40126376002** Collected: 12/17/15 08:35 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<10.0**	ug/kg	20.1	10.0	1	12/24/15 07:55	12/24/15 16:58	83-32-9	
Acenaphthylene	**<9.0**	ug/kg	20.1	9.0	1	12/24/15 07:55	12/24/15 16:58	208-96-8	
Anthracene	**<10.4**	ug/kg	20.1	10.4	1	12/24/15 07:55	12/24/15 16:58	120-12-7	
Benzo(a)anthracene	**<7.0**	ug/kg	20.1	7.0	1	12/24/15 07:55	12/24/15 16:58	56-55-3	
Benzo(a)pyrene	**<7.2**	ug/kg	20.1	7.2	1	12/24/15 07:55	12/24/15 16:58	50-32-8	
Benzo(b)fluoranthene	**<10.0**	ug/kg	20.1	10.0	1	12/24/15 07:55	12/24/15 16:58	205-99-2	
Benzo(g,h,i)perylene	**<7.7**	ug/kg	20.1	7.7	1	12/24/15 07:55	12/24/15 16:58	191-24-2	
Benzo(k)fluoranthene	**<11.1**	ug/kg	20.1	11.1	1	12/24/15 07:55	12/24/15 16:58	207-08-9	
Chrysene	**<9.3**	ug/kg	20.1	9.3	1	12/24/15 07:55	12/24/15 16:58	218-01-9	
Dibenz(a,h)anthracene	**<7.4**	ug/kg	20.1	7.4	1	12/24/15 07:55	12/24/15 16:58	53-70-3	
Fluoranthene	**<10.0**	ug/kg	20.1	10.0	1	12/24/15 07:55	12/24/15 16:58	206-44-0	
Fluorene	**<10.0**	ug/kg	20.1	10.0	1	12/24/15 07:55	12/24/15 16:58	86-73-7	
Indeno(1,2,3-cd)pyrene	**<7.6**	ug/kg	20.1	7.6	1	12/24/15 07:55	12/24/15 16:58	193-39-5	
1-Methylnaphthalene	**<10.0**	ug/kg	20.1	10.0	1	12/24/15 07:55	12/24/15 16:58	90-12-0	
2-Methylnaphthalene	**<10.0**	ug/kg	20.1	10.0	1	12/24/15 07:55	12/24/15 16:58	91-57-6	
Naphthalene	**<10.0**	ug/kg	20.1	10.0	1	12/24/15 07:55	12/24/15 16:58	91-20-3	
Phenanthrene	**<10.0**	ug/kg	20.1	10.0	1	12/24/15 07:55	12/24/15 16:58	85-01-8	
Pyrene	**<10.0**	ug/kg	20.1	10.0	1	12/24/15 07:55	12/24/15 16:58	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%	39-130		1	12/24/15 07:55	12/24/15 16:58	321-60-8	
Terphenyl-d14 (S)	84	%	37-130		1	12/24/15 07:55	12/24/15 16:58	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	75-25-2	M1,W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	12/21/15 08:00	12/22/15 11:44	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	12/21/15 08:00	12/22/15 11:44	75-00-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B1, 9.5-11' **Lab ID: 40126376002** Collected: 12/17/15 08:35 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloroform	**<46.4**	ug/kg	250	46.4	1	12/21/15 08:00	12/22/15 11:44	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	12/21/15 08:00	12/22/15 11:44	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	12/21/15 08:00	12/22/15 11:44	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	12/21/15 08:00	12/22/15 11:44	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	95-63-6	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B1, 9.5-11' **Lab ID: 40126376002** Collected: 12/17/15 08:35 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/21/15 08:00	12/22/15 11:44	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/22/15 11:44	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	83	%	49-157		1	12/21/15 08:00	12/22/15 11:44	1868-53-7	
Toluene-d8 (S)	92	%	61-148		1	12/21/15 08:00	12/22/15 11:44	2037-26-5	
4-Bromofluorobenzene (S)	75	%	53-134		1	12/21/15 08:00	12/22/15 11:44	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.1**	%	0.10	0.10	1		12/21/15 15:54		

Sample: B2, 2-3.5' **Lab ID: 40126376003** Collected: 12/17/15 08:53 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.8**	ug/kg	19.7	9.8	1	12/24/15 07:55	12/24/15 17:15	83-32-9	
Acenaphthylene	**<8.8**	ug/kg	19.7	8.8	1	12/24/15 07:55	12/24/15 17:15	208-96-8	
Anthracene	**<10.2**	ug/kg	19.7	10.2	1	12/24/15 07:55	12/24/15 17:15	120-12-7	
Benzo(a)anthracene	**<6.8**	ug/kg	19.7	6.8	1	12/24/15 07:55	12/24/15 17:15	56-55-3	
Benzo(a)pyrene	**<7.0**	ug/kg	19.7	7.0	1	12/24/15 07:55	12/24/15 17:15	50-32-8	
Benzo(b)fluoranthene	**<9.8**	ug/kg	19.7	9.8	1	12/24/15 07:55	12/24/15 17:15	205-99-2	
Benzo(g,h,i)perylene	**<7.5**	ug/kg	19.7	7.5	1	12/24/15 07:55	12/24/15 17:15	191-24-2	
Benzo(k)fluoranthene	**<10.9**	ug/kg	19.7	10.9	1	12/24/15 07:55	12/24/15 17:15	207-08-9	
Chrysene	**<9.1**	ug/kg	19.7	9.1	1	12/24/15 07:55	12/24/15 17:15	218-01-9	
Dibenz(a,h)anthracene	**<7.2**	ug/kg	19.7	7.2	1	12/24/15 07:55	12/24/15 17:15	53-70-3	
Fluoranthene	**<9.8**	ug/kg	19.7	9.8	1	12/24/15 07:55	12/24/15 17:15	206-44-0	
Fluorene	**<9.8**	ug/kg	19.7	9.8	1	12/24/15 07:55	12/24/15 17:15	86-73-7	
Indeno(1,2,3-cd)pyrene	**<7.5**	ug/kg	19.7	7.5	1	12/24/15 07:55	12/24/15 17:15	193-39-5	
1-Methylnaphthalene	**<9.8**	ug/kg	19.7	9.8	1	12/24/15 07:55	12/24/15 17:15	90-12-0	
2-Methylnaphthalene	**<9.8**	ug/kg	19.7	9.8	1	12/24/15 07:55	12/24/15 17:15	91-57-6	
Naphthalene	**<9.8**	ug/kg	19.7	9.8	1	12/24/15 07:55	12/24/15 17:15	91-20-3	
Phenanthrene	**<9.8**	ug/kg	19.7	9.8	1	12/24/15 07:55	12/24/15 17:15	85-01-8	
Pyrene	**<9.8**	ug/kg	19.7	9.8	1	12/24/15 07:55	12/24/15 17:15	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	39-130		1	12/24/15 07:55	12/24/15 17:15	321-60-8	
Terphenyl-d14 (S)	67	%	37-130		1	12/24/15 07:55	12/24/15 17:15	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	108-86-1	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B2, 2-3.5' **Lab ID: 40126376003** Collected: 12/17/15 08:53 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	12/21/15 08:00	12/21/15 19:59	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	12/21/15 08:00	12/21/15 19:59	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	12/21/15 08:00	12/21/15 19:59	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	12/21/15 08:00	12/21/15 19:59	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	12/21/15 08:00	12/21/15 19:59	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	79-34-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B2, 2-3.5' **Lab ID: 40126376003** Collected: 12/17/15 08:53 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	12/21/15 08:00	12/21/15 19:59	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/21/15 08:00	12/21/15 19:59	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 19:59	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	85	%	49-157		1	12/21/15 08:00	12/21/15 19:59	1868-53-7	
Toluene-d8 (S)	92	%	61-148		1	12/21/15 08:00	12/21/15 19:59	2037-26-5	
4-Bromofluorobenzene (S)	77	%	53-134		1	12/21/15 08:00	12/21/15 19:59	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.2**	%	0.10	0.10	1		12/21/15 16:23		

Sample: B3, 2-3.5' **Lab ID: 40126376004** Collected: 12/17/15 09:29 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.7**	ug/kg	19.4	9.7	1	12/24/15 07:55	12/24/15 17:33	83-32-9	
Acenaphthylene	**<8.7**	ug/kg	19.4	8.7	1	12/24/15 07:55	12/24/15 17:33	208-96-8	
Anthracene	**<10.0**	ug/kg	19.4	10.0	1	12/24/15 07:55	12/24/15 17:33	120-12-7	
Benzo(a)anthracene	**<6.7**	ug/kg	19.4	6.7	1	12/24/15 07:55	12/24/15 17:33	56-55-3	
Benzo(a)pyrene	**<6.9**	ug/kg	19.4	6.9	1	12/24/15 07:55	12/24/15 17:33	50-32-8	
Benzo(b)fluoranthene	**<9.7**	ug/kg	19.4	9.7	1	12/24/15 07:55	12/24/15 17:33	205-99-2	
Benzo(g,h,i)perylene	**<7.4**	ug/kg	19.4	7.4	1	12/24/15 07:55	12/24/15 17:33	191-24-2	
Benzo(k)fluoranthene	**<10.7**	ug/kg	19.4	10.7	1	12/24/15 07:55	12/24/15 17:33	207-08-9	
Chrysene	**<9.0**	ug/kg	19.4	9.0	1	12/24/15 07:55	12/24/15 17:33	218-01-9	
Dibenz(a,h)anthracene	**<7.1**	ug/kg	19.4	7.1	1	12/24/15 07:55	12/24/15 17:33	53-70-3	
Fluoranthene	**<9.7**	ug/kg	19.4	9.7	1	12/24/15 07:55	12/24/15 17:33	206-44-0	
Fluorene	**<9.7**	ug/kg	19.4	9.7	1	12/24/15 07:55	12/24/15 17:33	86-73-7	
Indeno(1,2,3-cd)pyrene	**<7.4**	ug/kg	19.4	7.4	1	12/24/15 07:55	12/24/15 17:33	193-39-5	
1-Methylnaphthalene	**<9.7**	ug/kg	19.4	9.7	1	12/24/15 07:55	12/24/15 17:33	90-12-0	
2-Methylnaphthalene	**<9.7**	ug/kg	19.4	9.7	1	12/24/15 07:55	12/24/15 17:33	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B3, 2-3.5' **Lab ID: 40126376004** Collected: 12/17/15 09:29 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Naphthalene	**<9.7**	ug/kg	19.4	9.7	1	12/24/15 07:55	12/24/15 17:33	91-20-3	
Phenanthrene	**<9.7**	ug/kg	19.4	9.7	1	12/24/15 07:55	12/24/15 17:33	85-01-8	
Pyrene	**<9.7**	ug/kg	19.4	9.7	1	12/24/15 07:55	12/24/15 17:33	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	39-130		1	12/24/15 07:55	12/24/15 17:33	321-60-8	
Terphenyl-d14 (S)	77	%	37-130		1	12/24/15 07:55	12/24/15 17:33	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	12/21/15 08:00	12/21/15 20:22	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	12/21/15 08:00	12/21/15 20:22	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	12/21/15 08:00	12/21/15 20:22	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	12/21/15 08:00	12/21/15 20:22	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	100-41-4	W

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ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B3, 2-3.5' **Lab ID: 40126376004** Collected: 12/17/15 09:29 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	12/21/15 08:00	12/21/15 20:22	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	12/21/15 08:00	12/21/15 20:22	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/21/15 08:00	12/21/15 20:22	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:22	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	88	%	49-157		1	12/21/15 08:00	12/21/15 20:22	1868-53-7	
Toluene-d8 (S)	94	%	61-148		1	12/21/15 08:00	12/21/15 20:22	2037-26-5	
4-Bromofluorobenzene (S)	80	%	53-134		1	12/21/15 08:00	12/21/15 20:22	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.9**	%	0.10	0.10	1		12/21/15 16:23		

Sample: B3, 4.5-6' **Lab ID: 40126376005** Collected: 12/17/15 09:33 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.8**	ug/kg	19.5	9.8	1	12/24/15 07:55	12/24/15 17:50	83-32-9	
Acenaphthylene	**<8.7**	ug/kg	19.5	8.7	1	12/24/15 07:55	12/24/15 17:50	208-96-8	
Anthracene	**<10.1**	ug/kg	19.5	10.1	1	12/24/15 07:55	12/24/15 17:50	120-12-7	
Benzo(a)anthracene	**<6.8**	ug/kg	19.5	6.8	1	12/24/15 07:55	12/24/15 17:50	56-55-3	
Benzo(a)pyrene	**<7.0**	ug/kg	19.5	7.0	1	12/24/15 07:55	12/24/15 17:50	50-32-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B3, 4.5-6' **Lab ID: 40126376005** Collected: 12/17/15 09:33 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Benzo(b)fluoranthene	**<9.8**	ug/kg	19.5	9.8	1	12/24/15 07:55	12/24/15 17:50	205-99-2	
Benzo(g,h,i)perylene	**<7.4**	ug/kg	19.5	7.4	1	12/24/15 07:55	12/24/15 17:50	191-24-2	
Benzo(k)fluoranthene	**<10.8**	ug/kg	19.5	10.8	1	12/24/15 07:55	12/24/15 17:50	207-08-9	
Chrysene	**<9.0**	ug/kg	19.5	9.0	1	12/24/15 07:55	12/24/15 17:50	218-01-9	
Dibenz(a,h)anthracene	**<7.2**	ug/kg	19.5	7.2	1	12/24/15 07:55	12/24/15 17:50	53-70-3	
Fluoranthene	**<9.8**	ug/kg	19.5	9.8	1	12/24/15 07:55	12/24/15 17:50	206-44-0	
Fluorene	**<9.8**	ug/kg	19.5	9.8	1	12/24/15 07:55	12/24/15 17:50	86-73-7	
Indeno(1,2,3-cd)pyrene	**<7.4**	ug/kg	19.5	7.4	1	12/24/15 07:55	12/24/15 17:50	193-39-5	
1-Methylnaphthalene	**<9.8**	ug/kg	19.5	9.8	1	12/24/15 07:55	12/24/15 17:50	90-12-0	
2-Methylnaphthalene	**<9.8**	ug/kg	19.5	9.8	1	12/24/15 07:55	12/24/15 17:50	91-57-6	
Naphthalene	**<9.8**	ug/kg	19.5	9.8	1	12/24/15 07:55	12/24/15 17:50	91-20-3	
Phenanthrene	**<9.8**	ug/kg	19.5	9.8	1	12/24/15 07:55	12/24/15 17:50	85-01-8	
Pyrene	**<9.8**	ug/kg	19.5	9.8	1	12/24/15 07:55	12/24/15 17:50	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	65	%	39-130		1	12/24/15 07:55	12/24/15 17:50	321-60-8	
Terphenyl-d14 (S)	81	%	37-130		1	12/24/15 07:55	12/24/15 17:50	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	12/21/15 08:00	12/21/15 20:45	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	12/21/15 08:00	12/21/15 20:45	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	12/21/15 08:00	12/21/15 20:45	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	12/21/15 08:00	12/21/15 20:45	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	75-35-4	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B3, 4.5-6' **Lab ID: 40126376005** Collected: 12/17/15 09:33 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	12/21/15 08:00	12/21/15 20:45	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	12/21/15 08:00	12/21/15 20:45	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/21/15 08:00	12/21/15 20:45	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 20:45	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	85	%	49-157		1	12/21/15 08:00	12/21/15 20:45	1868-53-7	
Toluene-d8 (S)	93	%	61-148		1	12/21/15 08:00	12/21/15 20:45	2037-26-5	
4-Bromofluorobenzene (S)	76	%	53-134		1	12/21/15 08:00	12/21/15 20:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.5**	%	0.10	0.10	1		12/21/15 16:23		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B4, 2-3.5' **Lab ID: 40126376006** Collected: 12/17/15 09:53 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<10.0**	ug/kg	20.0	10.0	1	12/24/15 07:55	12/24/15 19:17	83-32-9	
Acenaphthylene	**<9.0**	ug/kg	20.0	9.0	1	12/24/15 07:55	12/24/15 19:17	208-96-8	
Anthracene	**<10.4**	ug/kg	20.0	10.4	1	12/24/15 07:55	12/24/15 19:17	120-12-7	
Benzo(a)anthracene	**<6.9**	ug/kg	20.0	6.9	1	12/24/15 07:55	12/24/15 19:17	56-55-3	
Benzo(a)pyrene	**<7.2**	ug/kg	20.0	7.2	1	12/24/15 07:55	12/24/15 19:17	50-32-8	
Benzo(b)fluoranthene	**<10.0**	ug/kg	20.0	10.0	1	12/24/15 07:55	12/24/15 19:17	205-99-2	
Benzo(g,h,i)perylene	**<7.6**	ug/kg	20.0	7.6	1	12/24/15 07:55	12/24/15 19:17	191-24-2	
Benzo(k)fluoranthene	**<11.1**	ug/kg	20.0	11.1	1	12/24/15 07:55	12/24/15 19:17	207-08-9	
Chrysene	**<9.3**	ug/kg	20.0	9.3	1	12/24/15 07:55	12/24/15 19:17	218-01-9	
Dibenz(a,h)anthracene	**<7.3**	ug/kg	20.0	7.3	1	12/24/15 07:55	12/24/15 19:17	53-70-3	
Fluoranthene	**<10.0**	ug/kg	20.0	10.0	1	12/24/15 07:55	12/24/15 19:17	206-44-0	
Fluorene	**<10.0**	ug/kg	20.0	10.0	1	12/24/15 07:55	12/24/15 19:17	86-73-7	
Indeno(1,2,3-cd)pyrene	**<7.6**	ug/kg	20.0	7.6	1	12/24/15 07:55	12/24/15 19:17	193-39-5	
1-Methylnaphthalene	**<10.0**	ug/kg	20.0	10.0	1	12/24/15 07:55	12/24/15 19:17	90-12-0	
2-Methylnaphthalene	**<10.0**	ug/kg	20.0	10.0	1	12/24/15 07:55	12/24/15 19:17	91-57-6	
Naphthalene	**<10.0**	ug/kg	20.0	10.0	1	12/24/15 07:55	12/24/15 19:17	91-20-3	
Phenanthrene	**<10.0**	ug/kg	20.0	10.0	1	12/24/15 07:55	12/24/15 19:17	85-01-8	
Pyrene	**<10.0**	ug/kg	20.0	10.0	1	12/24/15 07:55	12/24/15 19:17	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	39-130		1	12/24/15 07:55	12/24/15 19:17	321-60-8	
Terphenyl-d14 (S)	86	%	37-130		1	12/24/15 07:55	12/24/15 19:17	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	12/21/15 08:00	12/21/15 21:08	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	12/21/15 08:00	12/21/15 21:08	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	12/21/15 08:00	12/21/15 21:08	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	12/21/15 08:00	12/21/15 21:08	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	541-73-1	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B4, 2-3.5' **Lab ID: 40126376006** Collected: 12/17/15 09:53 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	12/21/15 08:00	12/21/15 21:08	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	12/21/15 08:00	12/21/15 21:08	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/21/15 08:00	12/21/15 21:08	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:08	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	83	%	49-157		1	12/21/15 08:00	12/21/15 21:08	1868-53-7	
Toluene-d8 (S)	93	%	61-148		1	12/21/15 08:00	12/21/15 21:08	2037-26-5	
4-Bromofluorobenzene (S)	78	%	53-134		1	12/21/15 08:00	12/21/15 21:08	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B4, 2-3.5' **Lab ID: 40126376006** Collected: 12/17/15 09:53 Received: 12/18/15 08:50 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
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.8**	%	0.10	0.10	1		12/21/15 16:23		

Sample: B4, 9.5-11' **Lab ID: 40126376007** Collected: 12/17/15 10:03 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<10**	ug/kg	20.0	10	1	12/24/15 07:55	12/24/15 18:07	83-32-9	
Acenaphthylene	**<8.9**	ug/kg	20.0	8.9	1	12/24/15 07:55	12/24/15 18:07	208-96-8	
Anthracene	**<10.3**	ug/kg	20.0	10.3	1	12/24/15 07:55	12/24/15 18:07	120-12-7	
Benzo(a)anthracene	**<6.9**	ug/kg	20.0	6.9	1	12/24/15 07:55	12/24/15 18:07	56-55-3	
Benzo(a)pyrene	**<7.1**	ug/kg	20.0	7.1	1	12/24/15 07:55	12/24/15 18:07	50-32-8	
Benzo(b)fluoranthene	**<10**	ug/kg	20.0	10	1	12/24/15 07:55	12/24/15 18:07	205-99-2	
Benzo(g,h,i)perylene	**<7.6**	ug/kg	20.0	7.6	1	12/24/15 07:55	12/24/15 18:07	191-24-2	
Benzo(k)fluoranthene	**<11.0**	ug/kg	20.0	11.0	1	12/24/15 07:55	12/24/15 18:07	207-08-9	
Chrysene	**<9.2**	ug/kg	20.0	9.2	1	12/24/15 07:55	12/24/15 18:07	218-01-9	
Dibenz(a,h)anthracene	**<7.3**	ug/kg	20.0	7.3	1	12/24/15 07:55	12/24/15 18:07	53-70-3	
Fluoranthene	**<10**	ug/kg	20.0	10	1	12/24/15 07:55	12/24/15 18:07	206-44-0	
Fluorene	**<10**	ug/kg	20.0	10	1	12/24/15 07:55	12/24/15 18:07	86-73-7	
Indeno(1,2,3-cd)pyrene	**<7.6**	ug/kg	20.0	7.6	1	12/24/15 07:55	12/24/15 18:07	193-39-5	
1-Methylnaphthalene	**<10**	ug/kg	20.0	10	1	12/24/15 07:55	12/24/15 18:07	90-12-0	
2-Methylnaphthalene	**<10**	ug/kg	20.0	10	1	12/24/15 07:55	12/24/15 18:07	91-57-6	
Naphthalene	**<10**	ug/kg	20.0	10	1	12/24/15 07:55	12/24/15 18:07	91-20-3	
Phenanthrene	**<10**	ug/kg	20.0	10	1	12/24/15 07:55	12/24/15 18:07	85-01-8	
Pyrene	**<10**	ug/kg	20.0	10	1	12/24/15 07:55	12/24/15 18:07	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	39-130		1	12/24/15 07:55	12/24/15 18:07	321-60-8	
Terphenyl-d14 (S)	67	%	37-130		1	12/24/15 07:55	12/24/15 18:07	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	12/21/15 08:00	12/21/15 21:31	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	12/21/15 08:00	12/21/15 21:31	75-00-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B4, 9.5-11' **Lab ID: 40126376007** Collected: 12/17/15 10:03 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloroform	**<46.4**	ug/kg	250	46.4	1	12/21/15 08:00	12/21/15 21:31	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	12/21/15 08:00	12/21/15 21:31	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	12/21/15 08:00	12/21/15 21:31	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	12/21/15 08:00	12/21/15 21:31	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	95-63-6	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B4, 9.5-11' **Lab ID: 40126376007** Collected: 12/17/15 10:03 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/21/15 08:00	12/21/15 21:31	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:31	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	86	%	49-157		1	12/21/15 08:00	12/21/15 21:31	1868-53-7	
Toluene-d8 (S)	96	%	61-148		1	12/21/15 08:00	12/21/15 21:31	2037-26-5	
4-Bromofluorobenzene (S)	78	%	53-134		1	12/21/15 08:00	12/21/15 21:31	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.5**	%	0.10	0.10	1		12/21/15 16:23		

Sample: B5, 4.5-6' **Lab ID: 40126376008** Collected: 12/17/15 10:18 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.2**	ug/kg	18.5	9.2	1	12/24/15 07:55	12/24/15 20:43	83-32-9	
Acenaphthylene	**<8.3**	ug/kg	18.5	8.3	1	12/24/15 07:55	12/24/15 20:43	208-96-8	
Anthracene	**<9.6**	ug/kg	18.5	9.6	1	12/24/15 07:55	12/24/15 20:43	120-12-7	
Benzo(a)anthracene	**<6.4**	ug/kg	18.5	6.4	1	12/24/15 07:55	12/24/15 20:43	56-55-3	
Benzo(a)pyrene	**<6.6**	ug/kg	18.5	6.6	1	12/24/15 07:55	12/24/15 20:43	50-32-8	
Benzo(b)fluoranthene	**<9.2**	ug/kg	18.5	9.2	1	12/24/15 07:55	12/24/15 20:43	205-99-2	
Benzo(g,h,i)perylene	**<7.0**	ug/kg	18.5	7.0	1	12/24/15 07:55	12/24/15 20:43	191-24-2	
Benzo(k)fluoranthene	**<10.2**	ug/kg	18.5	10.2	1	12/24/15 07:55	12/24/15 20:43	207-08-9	
Chrysene	**<8.5**	ug/kg	18.5	8.5	1	12/24/15 07:55	12/24/15 20:43	218-01-9	
Dibenz(a,h)anthracene	**<6.8**	ug/kg	18.5	6.8	1	12/24/15 07:55	12/24/15 20:43	53-70-3	
Fluoranthene	**<9.2**	ug/kg	18.5	9.2	1	12/24/15 07:55	12/24/15 20:43	206-44-0	
Fluorene	**<9.2**	ug/kg	18.5	9.2	1	12/24/15 07:55	12/24/15 20:43	86-73-7	
Indeno(1,2,3-cd)pyrene	**<7.0**	ug/kg	18.5	7.0	1	12/24/15 07:55	12/24/15 20:43	193-39-5	
1-Methylnaphthalene	**<9.2**	ug/kg	18.5	9.2	1	12/24/15 07:55	12/24/15 20:43	90-12-0	
2-Methylnaphthalene	**<9.2**	ug/kg	18.5	9.2	1	12/24/15 07:55	12/24/15 20:43	91-57-6	
Naphthalene	**<9.2**	ug/kg	18.5	9.2	1	12/24/15 07:55	12/24/15 20:43	91-20-3	
Phenanthrene	**<9.2**	ug/kg	18.5	9.2	1	12/24/15 07:55	12/24/15 20:43	85-01-8	
Pyrene	**<9.2**	ug/kg	18.5	9.2	1	12/24/15 07:55	12/24/15 20:43	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	39-130		1	12/24/15 07:55	12/24/15 20:43	321-60-8	
Terphenyl-d14 (S)	67	%	37-130		1	12/24/15 07:55	12/24/15 20:43	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	108-86-1	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B5, 4.5-6' **Lab ID: 40126376008** Collected: 12/17/15 10:18 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	12/21/15 08:00	12/21/15 21:55	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	12/21/15 08:00	12/21/15 21:55	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	12/21/15 08:00	12/21/15 21:55	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	12/21/15 08:00	12/21/15 21:55	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	108-20-3	W
Ethylbenzene	**45.9J**	ug/kg	66.4	27.7	1	12/21/15 08:00	12/21/15 21:55	100-41-4	
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	87-68-3	W
Isopropylbenzene (Cumene)	**116**	ug/kg	66.4	27.7	1	12/21/15 08:00	12/21/15 21:55	98-82-8	
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	12/21/15 08:00	12/21/15 21:55	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	79-34-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B5, 4.5-6' **Lab ID: 40126376008** Collected: 12/17/15 10:18 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	127-18-4	W
Toluene	**484**	ug/kg	66.4	27.7	1	12/21/15 08:00	12/21/15 21:55	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	12/21/15 08:00	12/21/15 21:55	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	96-18-4	W
1,2,4-Trimethylbenzene	**77.9**	ug/kg	66.4	27.7	1	12/21/15 08:00	12/21/15 21:55	95-63-6	
1,3,5-Trimethylbenzene	**54.2J**	ug/kg	66.4	27.7	1	12/21/15 08:00	12/21/15 21:55	108-67-8	
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 21:55	75-01-4	W
m&p-Xylene	**172**	ug/kg	133	55.4	1	12/21/15 08:00	12/21/15 21:55	179601-23-1	
o-Xylene	**57.9J**	ug/kg	66.4	27.7	1	12/21/15 08:00	12/21/15 21:55	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	49-157		1	12/21/15 08:00	12/21/15 21:55	1868-53-7	
Toluene-d8 (S)	105	%	61-148		1	12/21/15 08:00	12/21/15 21:55	2037-26-5	
4-Bromofluorobenzene (S)	88	%	53-134		1	12/21/15 08:00	12/21/15 21:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.7**	%	0.10	0.10	1		12/21/15 16:23		

Sample: B6, 9.5-11' **Lab ID: 40126376009** Collected: 12/17/15 10:52 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.8**	ug/kg	19.6	9.8	1	12/24/15 07:55	12/24/15 21:01	83-32-9	
Acenaphthylene	**<8.8**	ug/kg	19.6	8.8	1	12/24/15 07:55	12/24/15 21:01	208-96-8	
Anthracene	**<10.2**	ug/kg	19.6	10.2	1	12/24/15 07:55	12/24/15 21:01	120-12-7	
Benzo(a)anthracene	**<6.8**	ug/kg	19.6	6.8	1	12/24/15 07:55	12/24/15 21:01	56-55-3	
Benzo(a)pyrene	**<7.0**	ug/kg	19.6	7.0	1	12/24/15 07:55	12/24/15 21:01	50-32-8	
Benzo(b)fluoranthene	**<9.8**	ug/kg	19.6	9.8	1	12/24/15 07:55	12/24/15 21:01	205-99-2	
Benzo(g,h,i)perylene	**<7.5**	ug/kg	19.6	7.5	1	12/24/15 07:55	12/24/15 21:01	191-24-2	
Benzo(k)fluoranthene	**<10.8**	ug/kg	19.6	10.8	1	12/24/15 07:55	12/24/15 21:01	207-08-9	
Chrysene	**<9.1**	ug/kg	19.6	9.1	1	12/24/15 07:55	12/24/15 21:01	218-01-9	
Dibenz(a,h)anthracene	**<7.2**	ug/kg	19.6	7.2	1	12/24/15 07:55	12/24/15 21:01	53-70-3	
Fluoranthene	**<9.8**	ug/kg	19.6	9.8	1	12/24/15 07:55	12/24/15 21:01	206-44-0	
Fluorene	**<9.8**	ug/kg	19.6	9.8	1	12/24/15 07:55	12/24/15 21:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**<7.4**	ug/kg	19.6	7.4	1	12/24/15 07:55	12/24/15 21:01	193-39-5	
1-Methylnaphthalene	**<9.8**	ug/kg	19.6	9.8	1	12/24/15 07:55	12/24/15 21:01	90-12-0	
2-Methylnaphthalene	**<9.8**	ug/kg	19.6	9.8	1	12/24/15 07:55	12/24/15 21:01	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B6, 9.5-11' **Lab ID: 40126376009** Collected: 12/17/15 10:52 Received: 12/18/15 08:50 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
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Naphthalene	**<9.8**	ug/kg	19.6	9.8	1	12/24/15 07:55	12/24/15 21:01	91-20-3	
Phenanthrene	**<9.8**	ug/kg	19.6	9.8	1	12/24/15 07:55	12/24/15 21:01	85-01-8	
Pyrene	**<9.8**	ug/kg	19.6	9.8	1	12/24/15 07:55	12/24/15 21:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	39-130		1	12/24/15 07:55	12/24/15 21:01	321-60-8	
Terphenyl-d14 (S)	79	%	37-130		1	12/24/15 07:55	12/24/15 21:01	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	12/21/15 08:00	12/21/15 22:18	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	12/21/15 08:00	12/21/15 22:18	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	12/21/15 08:00	12/21/15 22:18	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	12/21/15 08:00	12/21/15 22:18	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	100-41-4	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: B6, 9.5-11' **Lab ID: 40126376009** Collected: 12/17/15 10:52 Received: 12/18/15 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	12/21/15 08:00	12/21/15 22:18	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	127-18-4	W
Toluene	**59.4J**	ug/kg	70.5	29.4	1	12/21/15 08:00	12/21/15 22:18	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	12/21/15 08:00	12/21/15 22:18	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/21/15 08:00	12/21/15 22:18	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 22:18	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	89	%	49-157		1	12/21/15 08:00	12/21/15 22:18	1868-53-7	
Toluene-d8 (S)	94	%	61-148		1	12/21/15 08:00	12/21/15 22:18	2037-26-5	
4-Bromofluorobenzene (S)	79	%	53-134		1	12/21/15 08:00	12/21/15 22:18	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.9**	%	0.10	0.10	1		12/21/15 16:24		

Sample: MEOH BLANK **Lab ID: 40126376010** Collected: 12/17/15 00:00 Received: 12/18/15 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	75-25-2	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: MEOH BLANK **Lab ID: 40126376010** Collected: 12/17/15 00:00 Received: 12/18/15 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Bromomethane	**<69.9**	ug/kg	250	69.9	1	12/21/15 08:00	12/21/15 16:30	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	12/21/15 08:00	12/21/15 16:30	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	12/21/15 08:00	12/21/15 16:30	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	12/21/15 08:00	12/21/15 16:30	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	12/21/15 08:00	12/21/15 16:30	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	87-61-6	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Sample: MEOH BLANK **Lab ID: 40126376010** Collected: 12/17/15 00:00 Received: 12/18/15 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	12/21/15 08:00	12/21/15 16:30	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/21/15 08:00	12/21/15 16:30	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/21/15 08:00	12/21/15 16:30	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	77	%	49-157		1	12/21/15 08:00	12/21/15 16:30	1868-53-7	
Toluene-d8 (S)	86	%	61-148		1	12/21/15 08:00	12/21/15 16:30	2037-26-5	
4-Bromofluorobenzene (S)	77	%	53-134		1	12/21/15 08:00	12/21/15 16:30	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

QC Batch: MSV/31692 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40126376001, 40126376002, 40126376003, 40126376004, 40126376005, 40126376006, 40126376007, 40126376008, 40126376009, 40126376010

METHOD BLANK: 1277059 Matrix: Solid
Associated Lab Samples: 40126376001, 40126376002, 40126376003, 40126376004, 40126376005, 40126376006, 40126376007, 40126376008, 40126376009, 40126376010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	12/21/15 09:06	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	12/21/15 09:06	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	12/21/15 09:06	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	12/21/15 09:06	
1,1-Dichloroethane	ug/kg	<17.6	50.0	12/21/15 09:06	
1,1-Dichloroethene	ug/kg	<17.6	50.0	12/21/15 09:06	
1,1-Dichloropropene	ug/kg	<14.0	50.0	12/21/15 09:06	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	12/21/15 09:06	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	12/21/15 09:06	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	12/21/15 09:06	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	12/21/15 09:06	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	12/21/15 09:06	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	12/21/15 09:06	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	12/21/15 09:06	
1,2-Dichloroethane	ug/kg	<15.0	50.0	12/21/15 09:06	
1,2-Dichloropropane	ug/kg	<16.8	50.0	12/21/15 09:06	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	12/21/15 09:06	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	12/21/15 09:06	
1,3-Dichloropropane	ug/kg	<12.0	50.0	12/21/15 09:06	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	12/21/15 09:06	
2,2-Dichloropropane	ug/kg	<12.6	50.0	12/21/15 09:06	
2-Chlorotoluene	ug/kg	<15.8	50.0	12/21/15 09:06	
4-Chlorotoluene	ug/kg	<13.0	50.0	12/21/15 09:06	
Benzene	ug/kg	<9.2	20.0	12/21/15 09:06	
Bromobenzene	ug/kg	<20.6	50.0	12/21/15 09:06	
Bromochloromethane	ug/kg	<21.4	50.0	12/21/15 09:06	
Bromodichloromethane	ug/kg	<9.8	50.0	12/21/15 09:06	
Bromoform	ug/kg	<19.8	50.0	12/21/15 09:06	
Bromomethane	ug/kg	<69.9	250	12/21/15 09:06	
Carbon tetrachloride	ug/kg	<12.1	50.0	12/21/15 09:06	
Chlorobenzene	ug/kg	<14.8	50.0	12/21/15 09:06	
Chloroethane	ug/kg	<67.0	250	12/21/15 09:06	
Chloroform	ug/kg	<46.4	250	12/21/15 09:06	
Chloromethane	ug/kg	<20.4	50.0	12/21/15 09:06	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	12/21/15 09:06	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	12/21/15 09:06	
Dibromochloromethane	ug/kg	<17.9	50.0	12/21/15 09:06	
Dibromomethane	ug/kg	<19.3	50.0	12/21/15 09:06	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	12/21/15 09:06	
Diisopropyl ether	ug/kg	<17.7	50.0	12/21/15 09:06	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

METHOD BLANK: 1277059 Matrix: Solid

Associated Lab Samples: 40126376001, 40126376002, 40126376003, 40126376004, 40126376005, 40126376006, 40126376007, 40126376008, 40126376009, 40126376010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	12/21/15 09:06	
Hexachloro-1,3-butadiene	ug/kg	30.1J	50.0	12/21/15 09:06	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	12/21/15 09:06	
m&p-Xylene	ug/kg	<34.4	100	12/21/15 09:06	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	12/21/15 09:06	
Methylene Chloride	ug/kg	<16.2	50.0	12/21/15 09:06	
n-Butylbenzene	ug/kg	<10.5	50.0	12/21/15 09:06	
n-Propylbenzene	ug/kg	<11.6	50.0	12/21/15 09:06	
Naphthalene	ug/kg	<40.0	250	12/21/15 09:06	
o-Xylene	ug/kg	<14.0	50.0	12/21/15 09:06	
p-Isopropyltoluene	ug/kg	<12.0	50.0	12/21/15 09:06	
sec-Butylbenzene	ug/kg	<11.9	50.0	12/21/15 09:06	
Styrene	ug/kg	<9.0	50.0	12/21/15 09:06	
tert-Butylbenzene	ug/kg	<9.5	50.0	12/21/15 09:06	
Tetrachloroethene	ug/kg	<12.9	50.0	12/21/15 09:06	
Toluene	ug/kg	<11.2	50.0	12/21/15 09:06	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	12/21/15 09:06	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	12/21/15 09:06	
Trichloroethene	ug/kg	<23.6	50.0	12/21/15 09:06	
Trichlorofluoromethane	ug/kg	<24.7	50.0	12/21/15 09:06	
Vinyl chloride	ug/kg	<21.1	50.0	12/21/15 09:06	
4-Bromofluorobenzene (S)	%	82	53-134	12/21/15 09:06	
Dibromofluoromethane (S)	%	91	49-157	12/21/15 09:06	
Toluene-d8 (S)	%	99	61-148	12/21/15 09:06	

LABORATORY CONTROL SAMPLE: 1277060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2220	89	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2570	103	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2770	111	70-130	
1,1-Dichloroethane	ug/kg	2500	2140	86	70-130	
1,1-Dichloroethene	ug/kg	2500	2140	86	70-132	
1,2,4-Trichlorobenzene	ug/kg	2500	2000	80	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2400	96	45-150	
1,2-Dibromoethane (EDB)	ug/kg	2500	2700	108	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2560	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2230	89	70-134	
1,2-Dichloropropane	ug/kg	2500	2850	114	70-130	
1,3-Dichlorobenzene	ug/kg	2500	2470	99	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2440	98	70-130	
Benzene	ug/kg	2500	2280	91	70-130	
Bromodichloromethane	ug/kg	2500	2800	112	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

LABORATORY CONTROL SAMPLE: 1277060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	3130	125	48-130	
Bromomethane	ug/kg	2500	2100	84	70-169	
Carbon tetrachloride	ug/kg	2500	2230	89	67-130	
Chlorobenzene	ug/kg	2500	2570	103	70-130	
Chloroethane	ug/kg	2500	1760	70	70-191	
Chloroform	ug/kg	2500	2180	87	70-130	
Chloromethane	ug/kg	2500	1710	68	52-132	
cis-1,2-Dichloroethene	ug/kg	2500	2220	89	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2740	110	70-130	
Dibromochloromethane	ug/kg	2500	2600	104	65-130	
Dichlorodifluoromethane	ug/kg	2500	1170	47	12-150	
Ethylbenzene	ug/kg	2500	2480	99	70-130	
Isopropylbenzene (Cumene)	ug/kg	2500	2350	94	70-130	
m&p-Xylene	ug/kg	5000	5130	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2280	91	70-130	
Methylene Chloride	ug/kg	2500	2200	88	70-131	
o-Xylene	ug/kg	2500	2550	102	70-130	
Styrene	ug/kg	2500	2480	99	70-130	
Tetrachloroethene	ug/kg	2500	2710	108	70-130	
Toluene	ug/kg	2500	2620	105	70-130	
trans-1,2-Dichloroethene	ug/kg	2500	2260	90	69-130	
trans-1,3-Dichloropropene	ug/kg	2500	2590	104	65-130	
Trichloroethene	ug/kg	2500	2590	104	70-130	
Trichlorofluoromethane	ug/kg	2500	1800	72	50-150	
Vinyl chloride	ug/kg	2500	1980	79	67-134	
4-Bromofluorobenzene (S)	%			90	53-134	
Dibromofluoromethane (S)	%			87	49-157	
Toluene-d8 (S)	%			98	61-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1277061 1277062

Parameter	Units	40126376002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1510	1510	1160	1160	77	77	63-130	0	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1510	1510	1690	1720	112	114	57-136	2	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1510	1510	1710	1710	114	114	70-130	0	20	
1,1-Dichloroethane	ug/kg	<25.0	1510	1510	1230	1250	81	83	62-131	2	23	
1,1-Dichloroethene	ug/kg	<25.0	1510	1510	1070	1170	71	77	42-137	9	20	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1510	1510	1460	1430	97	95	59-137	2	21	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1510	1510	1400	1480	93	98	33-150	6	25	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1510	1510	1630	1650	108	110	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1510	1510	1570	1590	104	106	70-130	2	20	
1,2-Dichloroethane	ug/kg	<25.0	1510	1510	1320	1330	88	88	68-134	1	20	
1,2-Dichloropropane	ug/kg	<25.0	1510	1510	1590	1680	106	111	70-130	5	20	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1277061 1277062

Parameter	Units	40126376002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/kg	<25.0	1510	1510	1510	1490	100	99	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1510	1510	1590	1580	106	105	69-130	0	20	
Benzene	ug/kg	<25.0	1510	1510	1280	1310	85	87	56-131	2	20	
Bromodichloromethane	ug/kg	<25.0	1510	1510	1610	1610	107	107	64-130	0	20	
Bromoform	ug/kg	<25.0	1510	1510	2040	1900	135	126	48-130	7	20	M1
Bromomethane	ug/kg	<69.9	1510	1510	1380	1340	91	89	18-169	3	23	
Carbon tetrachloride	ug/kg	<25.0	1510	1510	1100	1160	73	77	59-130	5	20	
Chlorobenzene	ug/kg	<25.0	1510	1510	1560	1540	103	102	70-130	1	20	
Chloroethane	ug/kg	<67.0	1510	1510	988	1010	66	67	10-191	2	20	
Chloroform	ug/kg	<46.4	1510	1510	1280	1280	85	85	65-130	1	20	
Chloromethane	ug/kg	<25.0	1510	1510	1030	1070	69	71	36-132	3	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1510	1510	1280	1310	85	87	59-136	2	24	
cis-1,3-Dichloropropene	ug/kg	<25.0	1510	1510	1560	1570	103	104	60-130	1	20	
Dibromochloromethane	ug/kg	<25.0	1510	1510	1710	1640	113	109	59-130	4	20	
Dichlorodifluoromethane	ug/kg	<25.0	1510	1510	726	767	48	51	10-150	5	27	
Ethylbenzene	ug/kg	<25.0	1510	1510	1360	1380	90	92	64-130	2	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1510	1510	1310	1310	87	87	69-138	0	20	
m&p-Xylene	ug/kg	<50.0	3010	3010	2990	2910	99	97	61-130	3	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1510	1510	1350	1400	89	93	52-134	4	20	
Methylene Chloride	ug/kg	<25.0	1510	1510	1350	1330	90	88	61-131	1	20	
o-Xylene	ug/kg	<25.0	1510	1510	1420	1420	95	94	63-130	0	20	
Styrene	ug/kg	<25.0	1510	1510	1460	1490	97	99	70-130	2	20	
Tetrachloroethene	ug/kg	<25.0	1510	1510	1440	1540	96	102	65-130	7	20	
Toluene	ug/kg	<25.0	1510	1510	1510	1530	100	102	65-130	1	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1510	1510	1210	1330	80	89	55-130	10	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1510	1510	1600	1580	106	105	54-130	1	20	
Trichloroethene	ug/kg	<25.0	1510	1510	1500	1450	100	96	70-130	3	20	
Trichlorofluoromethane	ug/kg	<25.0	1510	1510	822	958	55	64	42-150	15	24	
Vinyl chloride	ug/kg	<25.0	1510	1510	1050	1130	70	75	35-134	7	20	
4-Bromofluorobenzene (S)	%						89	86	53-134			
Dibromofluoromethane (S)	%						85	85	49-157			
Toluene-d8 (S)	%						96	97	61-148			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

QC Batch: OEXT/29310 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 40126376001, 40126376002, 40126376003, 40126376004, 40126376005, 40126376006, 40126376007, 40126376008, 40126376009

METHOD BLANK: 1278281 Matrix: Solid
Associated Lab Samples: 40126376001, 40126376002, 40126376003, 40126376004, 40126376005, 40126376006, 40126376007, 40126376008, 40126376009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<8.3	16.7	12/24/15 10:54	
2-Methylnaphthalene	ug/kg	<8.3	16.7	12/24/15 10:54	
Acenaphthene	ug/kg	<8.3	16.7	12/24/15 10:54	
Acenaphthylene	ug/kg	<7.5	16.7	12/24/15 10:54	
Anthracene	ug/kg	<8.6	16.7	12/24/15 10:54	
Benzo(a)anthracene	ug/kg	<5.8	16.7	12/24/15 10:54	
Benzo(a)pyrene	ug/kg	<6.0	16.7	12/24/15 10:54	
Benzo(b)fluoranthene	ug/kg	<8.3	16.7	12/24/15 10:54	
Benzo(g,h,i)perylene	ug/kg	<6.3	16.7	12/24/15 10:54	
Benzo(k)fluoranthene	ug/kg	<9.2	16.7	12/24/15 10:54	
Chrysene	ug/kg	<7.7	16.7	12/24/15 10:54	
Dibenz(a,h)anthracene	ug/kg	<6.1	16.7	12/24/15 10:54	
Fluoranthene	ug/kg	<8.3	16.7	12/24/15 10:54	
Fluorene	ug/kg	<8.3	16.7	12/24/15 10:54	
Indeno(1,2,3-cd)pyrene	ug/kg	<6.3	16.7	12/24/15 10:54	
Naphthalene	ug/kg	<8.3	16.7	12/24/15 10:54	
Phenanthrene	ug/kg	<8.3	16.7	12/24/15 10:54	
Pyrene	ug/kg	<8.3	16.7	12/24/15 10:54	
2-Fluorobiphenyl (S)	%	84	39-130	12/24/15 10:54	
Terphenyl-d14 (S)	%	101	37-130	12/24/15 10:54	

LABORATORY CONTROL SAMPLE: 1278282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	231	69	53-130	
2-Methylnaphthalene	ug/kg	333	234	70	52-130	
Acenaphthene	ug/kg	333	298	89	54-130	
Acenaphthylene	ug/kg	333	300	90	55-130	
Anthracene	ug/kg	333	354	106	64-130	
Benzo(a)anthracene	ug/kg	333	276	83	50-130	
Benzo(a)pyrene	ug/kg	333	311	93	46-130	
Benzo(b)fluoranthene	ug/kg	333	322	97	43-130	
Benzo(g,h,i)perylene	ug/kg	333	264	79	48-130	
Benzo(k)fluoranthene	ug/kg	333	296	89	55-130	
Chrysene	ug/kg	333	326	98	62-130	
Dibenz(a,h)anthracene	ug/kg	333	265	79	49-130	
Fluoranthene	ug/kg	333	284	85	57-130	
Fluorene	ug/kg	333	278	83	57-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

LABORATORY CONTROL SAMPLE: 1278282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	333	274	82	50-130	
Naphthalene	ug/kg	333	253	76	48-130	
Phenanthrene	ug/kg	333	278	84	51-130	
Pyrene	ug/kg	333	289	87	55-130	
2-Fluorobiphenyl (S)	%			84	39-130	
Terphenyl-d14 (S)	%			90	37-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1278283 1278284

Parameter	Units	40126376006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<10.0	400	400	234	231	58	57	50-130	1	30	
2-Methylnaphthalene	ug/kg	<10.0	400	400	235	233	58	58	44-130	1	32	
Acenaphthene	ug/kg	<10.0	400	400	318	322	79	80	46-130	1	26	
Acenaphthylene	ug/kg	<9.0	400	400	314	317	78	79	49-130	1	23	
Anthracene	ug/kg	<10.4	400	400	363	372	90	92	52-130	2	28	
Benzo(a)anthracene	ug/kg	<6.9	400	400	305	316	76	79	34-130	4	36	
Benzo(a)pyrene	ug/kg	<7.2	400	400	296	306	74	77	34-130	4	40	
Benzo(b)fluoranthene	ug/kg	<10.0	400	400	291	295	73	74	22-130	1	40	
Benzo(g,h,i)perylene	ug/kg	<7.6	400	400	294	296	73	74	24-130	0	35	
Benzo(k)fluoranthene	ug/kg	<11.1	400	400	340	349	85	87	41-130	2	37	
Chrysene	ug/kg	<9.3	400	400	336	346	84	86	49-130	3	33	
Dibenz(a,h)anthracene	ug/kg	<7.3	400	400	287	291	72	73	27-130	1	31	
Fluoranthene	ug/kg	<10.0	400	400	292	295	72	73	34-130	1	37	
Fluorene	ug/kg	<10.0	400	400	295	297	74	74	45-130	1	25	
Indeno(1,2,3-cd)pyrene	ug/kg	<7.6	400	400	300	303	75	76	30-130	1	34	
Naphthalene	ug/kg	<10.0	400	400	268	269	66	66	38-130	0	30	
Phenanthrene	ug/kg	<10.0	400	400	293	299	72	74	38-130	2	34	
Pyrene	ug/kg	<10.0	400	400	310	318	77	79	35-130	2	35	
2-Fluorobiphenyl (S)	%						74	75	39-130			
Terphenyl-d14 (S)	%						81	83	37-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

QC Batch: PMST/12264
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40126376001, 40126376002

SAMPLE DUPLICATE: 1277073

Parameter	Units	40126376002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.1	16.6	3	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

QC Batch: PMST/12266 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40126376003, 40126376004, 40126376005, 40126376006, 40126376007, 40126376008, 40126376009

SAMPLE DUPLICATE: 1277080

Parameter	Units	40126379006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.9	13.1	6	10	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALIFIERS

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
W	Non-detect results are reported on a wet weight basis.

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

Project: 7172 KT163 DUE DILIGENCE
Pace Project No.: 40126376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40126376001	**B1, 4.5-6'**	EPA 3546	OEXT/29310	EPA 8270 by SIM	MSSV/8623
40126376002	**B1, 9.5-11'**	EPA 3546	OEXT/29310	EPA 8270 by SIM	MSSV/8623
40126376003	**B2, 2-3.5'**	EPA 3546	OEXT/29310	EPA 8270 by SIM	MSSV/8623
40126376004	**B3, 2-3.5'**	EPA 3546	OEXT/29310	EPA 8270 by SIM	MSSV/8623
40126376005	**B3, 4.5-6'**	EPA 3546	OEXT/29310	EPA 8270 by SIM	MSSV/8623
40126376006	**B4, 2-3.5'**	EPA 3546	OEXT/29310	EPA 8270 by SIM	MSSV/8623
40126376007	**B4, 9.5-11'**	EPA 3546	OEXT/29310	EPA 8270 by SIM	MSSV/8623
40126376008	**B5, 4.5-6'**	EPA 3546	OEXT/29310	EPA 8270 by SIM	MSSV/8623
40126376009	**B6, 9.5-11'**	EPA 3546	OEXT/29310	EPA 8270 by SIM	MSSV/8623
40126376001	**B1, 4.5-6'**	EPA 5035/5030B	MSV/31692	EPA 8260	MSV/31693
40126376002	**B1, 9.5-11'**	EPA 5035/5030B	MSV/31692	EPA 8260	MSV/31693
40126376003	**B2, 2-3.5'**	EPA 5035/5030B	MSV/31692	EPA 8260	MSV/31693
40126376004	**B3, 2-3.5'**	EPA 5035/5030B	MSV/31692	EPA 8260	MSV/31693
40126376005	**B3, 4.5-6'**	EPA 5035/5030B	MSV/31692	EPA 8260	MSV/31693
40126376006	**B4, 2-3.5'**	EPA 5035/5030B	MSV/31692	EPA 8260	MSV/31693
40126376007	**B4, 9.5-11'**	EPA 5035/5030B	MSV/31692	EPA 8260	MSV/31693
40126376008	**B5, 4.5-6'**	EPA 5035/5030B	MSV/31692	EPA 8260	MSV/31693
40126376009	**B6, 9.5-11'**	EPA 5035/5030B	MSV/31692	EPA 8260	MSV/31693
40126376010	**MEOH BLANK**	EPA 5035/5030B	MSV/31692	EPA 8260	MSV/31693
40126376001	**B1, 4.5-6'**	ASTM D2974-87	PMST/12264		
40126376002	**B1, 9.5-11'**	ASTM D2974-87	PMST/12264		
40126376003	**B2, 2-3.5'**	ASTM D2974-87	PMST/12266		
40126376004	**B3, 2-3.5'**	ASTM D2974-87	PMST/12266		
40126376005	**B3, 4.5-6'**	ASTM D2974-87	PMST/12266		
40126376006	**B4, 2-3.5'**	ASTM D2974-87	PMST/12266		
40126376007	**B4, 9.5-11'**	ASTM D2974-87	PMST/12266		
40126376008	**B5, 4.5-6'**	ASTM D2974-87	PMST/12266		
40126376009	**B6, 9.5-11'**	ASTM D2974-87	PMST/12266		

(Please Print Clearly)

Company Name:	REI
Branch/Location:	Wausau
Project Contact:	Andy Delforge
Phone:	715-675-9784
Project Number:	7172
Project Name:	UT163 Due Diligence
Project State:	WI
Sampled By (Print):	Andy Delforge
Sampled By (Sign):	
PO #:	M79768051
Regulatory Program:	

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

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

Page 1 of 1

40126376

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

Quote #:	
Mail To Contact:	AD
Mail To Company:	REI
Mail To Address:	
Invoice To Contact:	Troy Betzel
Invoice To Company:	Kwik Trip, Inc.
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, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge
W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO) — Y/N: N, N
PRESERVATION (CODE)* — Pick Letter: F, A

Analyses Requested: VOCs, PAHs

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOCs	PAHs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	B1, 4.5-6'	12/17/15	8:24	S	X	X		1-40ml F 1-4oz Ag A	
002	B1, 9.5-11'	↓	8:35	↓	X	X		1-4oz Cg A	
003	B2, 2-3.5'		8:53		X	X		↓	
004	B3, 2-3.5'		9:24		X	X			
005	B3 4.5-6'		9:33		X	X			
006	B4, 2-3.5'		9:53		X	X			
007	B4, 9.5-11'		10:03		X	X			
008	B5, 4.5-6'		10:18		X	X			
009	B6 9.5-11'		10:52		X	X			
010	MeOH Blank	↓	–	↓	X			↓	

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	12/17/15 3:00pm		
Waltco	12/18/15 0850	Melissa Vanema Pace	12/18/15 0850

PACE Project No. 40126376

Receipt Temp = ROI °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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

Pace Analytical™

Project #: WO#: 40126376

40126376

Client Name: REI

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: Walton

Tracking #:

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

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

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

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

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

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 12/18/15
Initials: MV

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

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	14.
Trip Blank Present: 12/18/15 MV	☐Yes ☐No ☑N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): 041315-3		

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

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: **Date:** 12/18/15

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

June 28, 2016

Andy Delforge
REI
4080 North 20th Avenue
Wausau, WI 54401

RE: Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Dear Andy Delforge:
Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

cc: DAVID LARSEN, REI

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

CERTIFICATIONS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP Certification ID: 460263
Virginia VELAP ID: 460263
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40133999001	**B7, 7-8.5'**	Solid	06/16/16 08:16	06/17/16 08:45
40133999002	**B8, 4.5-6'**	Solid	06/16/16 08:58	06/17/16 08:45
40133999003	**B9, 2-3.5'**	Solid	06/16/16 09:47	06/17/16 08:45
40133999004	**B10, 7-8.5'**	Solid	06/16/16 10:30	06/17/16 08:45
40134000010	**B10**	Water	06/16/16 10:55	06/17/16 08:45

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40133999001	**B7, 7-8.5'**	EPA 8260	LAP	64
		ASTM D2974-87	TEL	1
40133999002	**B8, 4.5-6'**	EPA 8260	LAP	64
		ASTM D2974-87	TEL	1
40133999003	**B9, 2-3.5'**	EPA 8260	LAP	64
		ASTM D2974-87	TEL	1
40133999004	**B10, 7-8.5'**	EPA 8260	LAP	64
		ASTM D2974-87	TEL	1
40134000010	**B10**	EPA 8260	LAP	64

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

ANALYTICAL RESULTS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Sample: B7, 7-8.5' **Lab ID: 40133999001** Collected: 06/16/16 08:16 Received: 06/17/16 08:45 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	06/20/16 08:00	06/20/16 16:55	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	06/20/16 08:00	06/20/16 16:55	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	06/20/16 08:00	06/20/16 16:55	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	06/20/16 08:00	06/20/16 16:55	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	06/20/16 08:00	06/20/16 16:55	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Sample: B7, 7-8.5' **Lab ID: 40133999001** Collected: 06/16/16 08:16 Received: 06/17/16 08:45 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	06/20/16 08:00	06/20/16 16:55	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/20/16 08:00	06/20/16 16:55	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:55	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	93	%	53-165		1	06/20/16 08:00	06/20/16 16:55	1868-53-7	
Toluene-d8 (S)	90	%	54-163		1	06/20/16 08:00	06/20/16 16:55	2037-26-5	
4-Bromofluorobenzene (S)	81	%	48-138		1	06/20/16 08:00	06/20/16 16:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.6**	%	0.10	0.10	1		06/20/16 16:12		

Sample: B8, 4.5-6' **Lab ID: 40133999002** Collected: 06/16/16 08:58 Received: 06/17/16 08:45 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	06/20/16 08:00	06/20/16 16:09	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	06/20/16 08:00	06/20/16 16:09	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	06/20/16 08:00	06/20/16 16:09	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Sample: B8, 4.5-6' **Lab ID: 40133999002** Collected: 06/16/16 08:58 Received: 06/17/16 08:45 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	06/20/16 08:00	06/20/16 16:09	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	06/20/16 08:00	06/20/16 16:09	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	06/20/16 08:00	06/20/16 16:09	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Sample: B8, 4.5-6' **Lab ID: 40133999002** Collected: 06/16/16 08:58 Received: 06/17/16 08:45 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/20/16 08:00	06/20/16 16:09	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:09	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	94	%	53-165		1	06/20/16 08:00	06/20/16 16:09	1868-53-7	
Toluene-d8 (S)	99	%	54-163		1	06/20/16 08:00	06/20/16 16:09	2037-26-5	
4-Bromofluorobenzene (S)	90	%	48-138		1	06/20/16 08:00	06/20/16 16:09	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.0**	%	0.10	0.10	1		06/20/16 16:12		

Sample: B9, 2-3.5' **Lab ID: 40133999003** Collected: 06/16/16 09:47 Received: 06/17/16 08:45 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	06/20/16 08:00	06/20/16 16:32	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	06/20/16 08:00	06/20/16 16:32	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	06/20/16 08:00	06/20/16 16:32	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	06/20/16 08:00	06/20/16 16:32	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Sample: B9, 2-3.5' **Lab ID: 40133999003** Collected: 06/16/16 09:47 Received: 06/17/16 08:45 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	06/20/16 08:00	06/20/16 16:32	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	06/20/16 08:00	06/20/16 16:32	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/20/16 08:00	06/20/16 16:32	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/20/16 08:00	06/20/16 16:32	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	91	%	53-165		1	06/20/16 08:00	06/20/16 16:32	1868-53-7	
Toluene-d8 (S)	96	%	54-163		1	06/20/16 08:00	06/20/16 16:32	2037-26-5	
4-Bromofluorobenzene (S)	85	%	48-138		1	06/20/16 08:00	06/20/16 16:32	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.8**	%	0.10	0.10	1		06/20/16 16:12		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Sample: B10, 7-8.5' **Lab ID: 40133999004** Collected: 06/16/16 10:30 Received: 06/17/16 08:45 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**10700**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	71-43-2	
Bromobenzene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	108-86-1	W
Bromochloromethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	74-97-5	W
Bromodichloromethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	75-27-4	W
Bromoform	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	75-25-2	W
Bromomethane	**<874**	ug/kg	3120	874	12.5	06/20/16 08:00	06/20/16 21:10	74-83-9	W
n-Butylbenzene	**8150**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	104-51-8	
sec-Butylbenzene	**1410**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	135-98-8	
tert-Butylbenzene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	98-06-6	W
Carbon tetrachloride	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	56-23-5	W
Chlorobenzene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	108-90-7	W
Chloroethane	**<838**	ug/kg	3120	838	12.5	06/20/16 08:00	06/20/16 21:10	75-00-3	W
Chloroform	**<581**	ug/kg	3120	581	12.5	06/20/16 08:00	06/20/16 21:10	67-66-3	W
Chloromethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	74-87-3	W
2-Chlorotoluene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	95-49-8	W
4-Chlorotoluene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	106-43-4	W
1,2-Dibromo-3-chloropropane	**<1140**	ug/kg	3120	1140	12.5	06/20/16 08:00	06/20/16 21:10	96-12-8	W
Dibromochloromethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	124-48-1	W
1,2-Dibromoethane (EDB)	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	106-93-4	W
Dibromomethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	74-95-3	W
1,2-Dichlorobenzene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	95-50-1	W
1,3-Dichlorobenzene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	541-73-1	W
1,4-Dichlorobenzene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	106-46-7	W
Dichlorodifluoromethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	75-71-8	W
1,1-Dichloroethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	75-34-3	W
1,2-Dichloroethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	107-06-2	W
1,1-Dichloroethene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	75-35-4	W
cis-1,2-Dichloroethene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	156-59-2	W
trans-1,2-Dichloroethene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	156-60-5	W
1,2-Dichloropropane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	78-87-5	W
1,3-Dichloropropane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	142-28-9	W
2,2-Dichloropropane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	594-20-7	W
1,1-Dichloropropene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	563-58-6	W
cis-1,3-Dichloropropene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	10061-01-5	W
trans-1,3-Dichloropropene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	10061-02-6	W
Diisopropyl ether	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	108-20-3	W
Ethylbenzene	**29800**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	100-41-4	
Hexachloro-1,3-butadiene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	87-68-3	W
Isopropylbenzene (Cumene)	**2410**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	98-82-8	
p-Isopropyltoluene	**713J**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	99-87-6	
Methylene Chloride	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	75-09-2	W
Methyl-tert-butyl ether	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	1634-04-4	W
Naphthalene	**14600**	ug/kg	3670	588	12.5	06/20/16 08:00	06/20/16 21:10	91-20-3	
n-Propylbenzene	**11100**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	103-65-1	
Styrene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Sample: B10, 7-8.5' **Lab ID: 40133999004** Collected: 06/16/16 10:30 Received: 06/17/16 08:45 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	630-20-6	W
1,1,2,2-Tetrachloroethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	79-34-5	W
Tetrachloroethene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	127-18-4	W
Toluene	**14500**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	108-88-3	
1,2,3-Trichlorobenzene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	87-61-6	W
1,2,4-Trichlorobenzene	**<594**	ug/kg	3120	594	12.5	06/20/16 08:00	06/20/16 21:10	120-82-1	W
1,1,1-Trichloroethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	71-55-6	W
1,1,2-Trichloroethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	79-00-5	W
Trichloroethene	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	79-01-6	W
Trichlorofluoromethane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	75-69-4	W
1,2,3-Trichloropropane	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	96-18-4	W
1,2,4-Trimethylbenzene	**100000**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	95-63-6	
1,3,5-Trimethylbenzene	**31800**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	108-67-8	
Vinyl chloride	**<312**	ug/kg	750	312	12.5	06/20/16 08:00	06/20/16 21:10	75-01-4	W
m&p-Xylene	**154000**	ug/kg	1760	734	12.5	06/20/16 08:00	06/20/16 21:10	179601-23-1	
o-Xylene	**52300**	ug/kg	881	367	12.5	06/20/16 08:00	06/20/16 21:10	95-47-6	
Surrogates									
Dibromofluoromethane (S)	0	%	53-165		12.5	06/20/16 08:00	06/20/16 21:10	1868-53-7	S4
Toluene-d8 (S)	0	%	54-163		12.5	06/20/16 08:00	06/20/16 21:10	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	48-138		12.5	06/20/16 08:00	06/20/16 21:10	460-00-4	S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.9**	%	0.10	0.10	1		06/20/16 16:12		

Sample: B10 **Lab ID: 40134000010** Collected: 06/16/16 10:55 Received: 06/17/16 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**5320**	ug/L	50.0	25.0	50		06/21/16 14:20	71-43-2	
Bromobenzene	**<11.5**	ug/L	50.0	11.5	50		06/21/16 14:20	108-86-1	
Bromochloromethane	**<17.0**	ug/L	50.0	17.0	50		06/21/16 14:20	74-97-5	
Bromodichloromethane	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	75-27-4	
Bromoform	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	75-25-2	
Bromomethane	**<122**	ug/L	250	122	50		06/21/16 14:20	74-83-9	
n-Butylbenzene	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	104-51-8	
sec-Butylbenzene	**<109**	ug/L	250	109	50		06/21/16 14:20	135-98-8	
tert-Butylbenzene	**<9.0**	ug/L	50.0	9.0	50		06/21/16 14:20	98-06-6	
Carbon tetrachloride	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	56-23-5	
Chlorobenzene	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	108-90-7	
Chloroethane	**<18.7**	ug/L	50.0	18.7	50		06/21/16 14:20	75-00-3	
Chloroform	**<125**	ug/L	250	125	50		06/21/16 14:20	67-66-3	
Chloromethane	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Sample: B10 **Lab ID: 40134000010** Collected: 06/16/16 10:55 Received: 06/17/16 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
2-Chlorotoluene	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	95-49-8	
4-Chlorotoluene	**<10.7**	ug/L	50.0	10.7	50		06/21/16 14:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<108**	ug/L	250	108	50		06/21/16 14:20	96-12-8	
Dibromochloromethane	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	124-48-1	
1,2-Dibromoethane (EDB)	**<8.9**	ug/L	50.0	8.9	50		06/21/16 14:20	106-93-4	
Dibromomethane	**<21.3**	ug/L	50.0	21.3	50		06/21/16 14:20	74-95-3	
1,2-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	95-50-1	
1,3-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	541-73-1	
1,4-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	106-46-7	
Dichlorodifluoromethane	**<11.2**	ug/L	50.0	11.2	50		06/21/16 14:20	75-71-8	
1,1-Dichloroethane	**<12.1**	ug/L	50.0	12.1	50		06/21/16 14:20	75-34-3	
1,2-Dichloroethane	**<8.4**	ug/L	50.0	8.4	50		06/21/16 14:20	107-06-2	
1,1-Dichloroethene	**<20.5**	ug/L	50.0	20.5	50		06/21/16 14:20	75-35-4	
cis-1,2-Dichloroethene	**<12.8**	ug/L	50.0	12.8	50		06/21/16 14:20	156-59-2	
trans-1,2-Dichloroethene	**<12.8**	ug/L	50.0	12.8	50		06/21/16 14:20	156-60-5	
1,2-Dichloropropane	**<11.7**	ug/L	50.0	11.7	50		06/21/16 14:20	78-87-5	
1,3-Dichloropropane	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	142-28-9	
2,2-Dichloropropane	**<24.2**	ug/L	50.0	24.2	50		06/21/16 14:20	594-20-7	
1,1-Dichloropropene	**<22.1**	ug/L	50.0	22.1	50		06/21/16 14:20	563-58-6	
cis-1,3-Dichloropropene	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	10061-01-5	
trans-1,3-Dichloropropene	**<11.5**	ug/L	50.0	11.5	50		06/21/16 14:20	10061-02-6	
Diisopropyl ether	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	108-20-3	
Ethylbenzene	**2460**	ug/L	50.0	25.0	50		06/21/16 14:20	100-41-4	
Hexachloro-1,3-butadiene	**<105**	ug/L	250	105	50		06/21/16 14:20	87-68-3	
Isopropylbenzene (Cumene)	**87.4**	ug/L	50.0	7.2	50		06/21/16 14:20	98-82-8	
p-Isopropyltoluene	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	99-87-6	
Methylene Chloride	**<11.6**	ug/L	50.0	11.6	50		06/21/16 14:20	75-09-2	
Methyl-tert-butyl ether	**<8.7**	ug/L	50.0	8.7	50		06/21/16 14:20	1634-04-4	
Naphthalene	**862**	ug/L	250	125	50		06/21/16 14:20	91-20-3	
n-Propylbenzene	**303**	ug/L	50.0	25.0	50		06/21/16 14:20	103-65-1	
Styrene	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<9.0**	ug/L	50.0	9.0	50		06/21/16 14:20	630-20-6	
1,1,2,2-Tetrachloroethane	**<12.5**	ug/L	50.0	12.5	50		06/21/16 14:20	79-34-5	
Tetrachloroethene	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	127-18-4	
Toluene	**1870**	ug/L	50.0	25.0	50		06/21/16 14:20	108-88-3	
1,2,3-Trichlorobenzene	**<107**	ug/L	250	107	50		06/21/16 14:20	87-61-6	
1,2,4-Trichlorobenzene	**<110**	ug/L	250	110	50		06/21/16 14:20	120-82-1	
1,1,1-Trichloroethane	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	71-55-6	
1,1,2-Trichloroethane	**<9.9**	ug/L	50.0	9.9	50		06/21/16 14:20	79-00-5	
Trichloroethene	**<16.5**	ug/L	50.0	16.5	50		06/21/16 14:20	79-01-6	
Trichlorofluoromethane	**<9.2**	ug/L	50.0	9.2	50		06/21/16 14:20	75-69-4	
1,2,3-Trichloropropane	**<25.0**	ug/L	50.0	25.0	50		06/21/16 14:20	96-18-4	
1,2,4-Trimethylbenzene	**3290**	ug/L	50.0	25.0	50		06/21/16 14:20	95-63-6	
1,3,5-Trimethylbenzene	**883**	ug/L	50.0	25.0	50		06/21/16 14:20	108-67-8	
Vinyl chloride	**<8.8**	ug/L	50.0	8.8	50		06/21/16 14:20	75-01-4	
m&p-Xylene	**11900**	ug/L	100	50.0	50		06/21/16 14:20	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Sample: B10 **Lab ID: 40134000010** Collected: 06/16/16 10:55 Received: 06/17/16 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
o-Xylene	**4470**	ug/L	50.0	25.0	50		06/21/16 14:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		50		06/21/16 14:20	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		50		06/21/16 14:20	1868-53-7	
Toluene-d8 (S)	96	%	70-130		50		06/21/16 14:20	2037-26-5	

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QUALITY CONTROL DATA

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

QC Batch: MSV/34011 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40133999001, 40133999002, 40133999003, 40133999004

METHOD BLANK: 1352241 Matrix: Solid
Associated Lab Samples: 40133999001, 40133999002, 40133999003, 40133999004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/20/16 11:31	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/20/16 11:31	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/20/16 11:31	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/20/16 11:31	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/20/16 11:31	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/20/16 11:31	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/20/16 11:31	
1,2,3-Trichlorobenzene	ug/kg	52.5	50.0	06/20/16 11:31	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/20/16 11:31	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/20/16 11:31	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/20/16 11:31	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/20/16 11:31	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/20/16 11:31	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/20/16 11:31	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/20/16 11:31	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/20/16 11:31	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/20/16 11:31	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/20/16 11:31	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/20/16 11:31	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/20/16 11:31	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/20/16 11:31	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/20/16 11:31	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/20/16 11:31	
Benzene	ug/kg	<9.2	20.0	06/20/16 11:31	
Bromobenzene	ug/kg	<20.6	50.0	06/20/16 11:31	
Bromochloromethane	ug/kg	<21.4	50.0	06/20/16 11:31	
Bromodichloromethane	ug/kg	<9.8	50.0	06/20/16 11:31	
Bromoform	ug/kg	<19.8	50.0	06/20/16 11:31	
Bromomethane	ug/kg	<69.9	250	06/20/16 11:31	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/20/16 11:31	
Chlorobenzene	ug/kg	<14.8	50.0	06/20/16 11:31	
Chloroethane	ug/kg	<67.0	250	06/20/16 11:31	
Chloroform	ug/kg	<46.4	250	06/20/16 11:31	
Chloromethane	ug/kg	<20.4	50.0	06/20/16 11:31	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/20/16 11:31	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/20/16 11:31	
Dibromochloromethane	ug/kg	<17.9	50.0	06/20/16 11:31	
Dibromomethane	ug/kg	<19.3	50.0	06/20/16 11:31	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/20/16 11:31	
Diisopropyl ether	ug/kg	<17.7	50.0	06/20/16 11:31	
Ethylbenzene	ug/kg	<12.4	50.0	06/20/16 11:31	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

METHOD BLANK: 1352241 Matrix: Solid
Associated Lab Samples: 40133999001, 40133999002, 40133999003, 40133999004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	37.6J	50.0	06/20/16 11:31	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/20/16 11:31	
m&p-Xylene	ug/kg	<34.4	100	06/20/16 11:31	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/20/16 11:31	
Methylene Chloride	ug/kg	<16.2	50.0	06/20/16 11:31	
n-Butylbenzene	ug/kg	16.2J	50.0	06/20/16 11:31	
n-Propylbenzene	ug/kg	<11.6	50.0	06/20/16 11:31	
Naphthalene	ug/kg	<40.0	250	06/20/16 11:31	
o-Xylene	ug/kg	<14.0	50.0	06/20/16 11:31	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/20/16 11:31	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/20/16 11:31	
Styrene	ug/kg	<9.0	50.0	06/20/16 11:31	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/20/16 11:31	
Tetrachloroethene	ug/kg	<12.9	50.0	06/20/16 11:31	
Toluene	ug/kg	<11.2	50.0	06/20/16 11:31	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/20/16 11:31	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/20/16 11:31	
Trichloroethene	ug/kg	<23.6	50.0	06/20/16 11:31	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/20/16 11:31	
Vinyl chloride	ug/kg	<21.1	50.0	06/20/16 11:31	
4-Bromofluorobenzene (S)	%	90	48-138	06/20/16 11:31	
Dibromofluoromethane (S)	%	100	53-165	06/20/16 11:31	
Toluene-d8 (S)	%	98	54-163	06/20/16 11:31	

LABORATORY CONTROL SAMPLE: 1352242

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	2350	94	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2410	96	70-130	
1,1-Dichloroethane	ug/kg	2500	1880	75	70-133	
1,1-Dichloroethene	ug/kg	2500	1940	77	70-130	
1,2,4-Trichlorobenzene	ug/kg	2500	2030	81	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2300	92	50-150	
1,2-Dibromoethane (EDB)	ug/kg	2500	2560	102	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2380	95	70-130	
1,2-Dichloroethane	ug/kg	2500	2380	95	70-138	
1,2-Dichloropropane	ug/kg	2500	2380	95	70-130	
1,3-Dichlorobenzene	ug/kg	2500	2380	95	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2380	95	70-130	
Benzene	ug/kg	2500	2470	99	70-130	
Bromodichloromethane	ug/kg	2500	2640	106	70-130	
Bromoform	ug/kg	2500	2510	100	68-130	
Bromomethane	ug/kg	2500	2350	94	25-163	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

LABORATORY CONTROL SAMPLE: 1352242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2440	98	70-130	
Chlorobenzene	ug/kg	2500	2490	100	70-130	
Chloroethane	ug/kg	2500	1960	79	34-151	
Chloroform	ug/kg	2500	2480	99	70-130	
Chloromethane	ug/kg	2500	1740	70	52-130	
cis-1,2-Dichloroethene	ug/kg	2500	2490	100	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2390	96	70-130	
Dibromochloromethane	ug/kg	2500	2590	104	70-130	
Dichlorodifluoromethane	ug/kg	2500	1760	70	27-150	
Ethylbenzene	ug/kg	2500	2480	99	70-130	
Isopropylbenzene (Cumene)	ug/kg	2500	2540	102	70-130	
m&p-Xylene	ug/kg	5000	5150	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2230	89	70-130	
Methylene Chloride	ug/kg	2500	1950	78	70-131	
o-Xylene	ug/kg	2500	2580	103	70-130	
Styrene	ug/kg	2500	2380	95	70-130	
Tetrachloroethene	ug/kg	2500	2450	98	70-130	
Toluene	ug/kg	2500	2530	101	70-130	
trans-1,2-Dichloroethene	ug/kg	2500	2130	85	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2410	97	70-130	
Trichloroethene	ug/kg	2500	2520	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2300	92	50-150	
Vinyl chloride	ug/kg	2500	2040	82	57-130	
4-Bromofluorobenzene (S)	%			99	48-138	
Dibromofluoromethane (S)	%			103	53-165	
Toluene-d8 (S)	%			102	54-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1352243 1352244

Parameter	Units	40134000004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1400	1400	1400	1340	100	96	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1400	1400	1470	1440	105	103	70-130	2	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1400	1400	1380	1360	99	98	70-130	1	20	
1,1-Dichloroethane	ug/kg	<25.0	1400	1400	998	1010	72	72	64-133	1	20	
1,1-Dichloroethene	ug/kg	<25.0	1400	1400	901	842	65	60	56-130	7	24	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1400	1400	1390	1370	97	95	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1400	1400	1540	1410	110	101	50-150	9	20	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1400	1400	1460	1440	105	103	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1400	1400	1480	1420	106	102	70-130	4	20	
1,2-Dichloroethane	ug/kg	<25.0	1400	1400	1360	1340	97	96	70-138	2	20	
1,2-Dichloropropane	ug/kg	<25.0	1400	1400	1320	1350	94	96	70-130	2	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1400	1400	1400	1350	100	96	70-130	4	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1400	1400	1420	1390	102	100	70-130	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1352243 1352244

Parameter	Units	40134000004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1400	1400	1370	1340	98	96	70-130	2	20	
Bromodichloromethane	ug/kg	<25.0	1400	1400	1430	1490	103	107	70-130	4	20	
Bromoform	ug/kg	<25.0	1400	1400	1490	1470	107	105	65-130	1	20	
Bromomethane	ug/kg	<69.9	1400	1400	1020	1040	73	75	11-163	2	21	
Carbon tetrachloride	ug/kg	<25.0	1400	1400	1330	1280	96	92	70-130	4	20	
Chlorobenzene	ug/kg	<25.0	1400	1400	1410	1380	101	99	70-130	2	20	
Chloroethane	ug/kg	<67.0	1400	1400	801	856	57	61	17-151	7	20	
Chloroform	ug/kg	<46.4	1400	1400	1370	1340	98	96	70-130	2	20	
Chloromethane	ug/kg	<25.0	1400	1400	708	682	51	49	13-130	4	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1400	1400	1380	1370	99	98	70-130	0	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1400	1400	1370	1410	98	101	70-130	3	20	
Dibromochloromethane	ug/kg	<25.0	1400	1400	1520	1470	109	105	70-130	4	20	
Dichlorodifluoromethane	ug/kg	<25.0	1400	1400	575	520	41	37	10-150	10	21	
Ethylbenzene	ug/kg	<25.0	1400	1400	1350	1300	97	93	70-130	4	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1400	1400	1370	1340	98	96	70-130	2	20	
m&p-Xylene	ug/kg	<50.0	2790	2790	2800	2730	100	98	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1400	1400	1280	1260	92	90	70-130	2	20	
Methylene Chloride	ug/kg	<25.0	1400	1400	973	978	70	70	70-131	0	20	
o-Xylene	ug/kg	<25.0	1400	1400	1460	1360	105	97	70-130	7	20	
Styrene	ug/kg	<25.0	1400	1400	1370	1330	98	95	70-130	3	20	
Tetrachloroethene	ug/kg	<25.0	1400	1400	1310	1240	94	89	70-130	6	20	
Toluene	ug/kg	<25.0	1400	1400	1400	1330	101	96	70-130	5	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1400	1400	1140	1130	82	81	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1400	1400	1440	1400	103	100	70-130	3	20	
Trichloroethene	ug/kg	<25.0	1400	1400	1390	1400	99	100	70-130	1	20	
Trichlorofluoromethane	ug/kg	<25.0	1400	1400	1070	891	77	64	40-150	18	31	
Vinyl chloride	ug/kg	<25.0	1400	1400	853	802	61	58	26-130	6	20	
4-Bromofluorobenzene (S)	%						97	95	48-138			
Dibromofluoromethane (S)	%						104	101	53-165			
Toluene-d8 (S)	%						103	102	54-163			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

QC Batch: MSV/34002
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 40134000010

METHOD BLANK: 1352051
Matrix: Water
Associated Lab Samples: 40134000010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	06/21/16 08:04	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/21/16 08:04	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	06/21/16 08:04	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/21/16 08:04	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/21/16 08:04	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/21/16 08:04	
1,1-Dichloropropene	ug/L	<0.44	1.0	06/21/16 08:04	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	06/21/16 08:04	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	06/21/16 08:04	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	06/21/16 08:04	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	06/21/16 08:04	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/21/16 08:04	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/21/16 08:04	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/21/16 08:04	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/21/16 08:04	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/21/16 08:04	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	06/21/16 08:04	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/21/16 08:04	
1,3-Dichloropropane	ug/L	<0.50	1.0	06/21/16 08:04	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/21/16 08:04	
2,2-Dichloropropane	ug/L	<0.48	1.0	06/21/16 08:04	
2-Chlorotoluene	ug/L	<0.50	1.0	06/21/16 08:04	
4-Chlorotoluene	ug/L	<0.21	1.0	06/21/16 08:04	
Benzene	ug/L	<0.50	1.0	06/21/16 08:04	
Bromobenzene	ug/L	<0.23	1.0	06/21/16 08:04	
Bromochloromethane	ug/L	<0.34	1.0	06/21/16 08:04	
Bromodichloromethane	ug/L	<0.50	1.0	06/21/16 08:04	
Bromoform	ug/L	<0.50	1.0	06/21/16 08:04	
Bromomethane	ug/L	<2.4	5.0	06/21/16 08:04	
Carbon tetrachloride	ug/L	<0.50	1.0	06/21/16 08:04	
Chlorobenzene	ug/L	<0.50	1.0	06/21/16 08:04	
Chloroethane	ug/L	<0.37	1.0	06/21/16 08:04	
Chloroform	ug/L	<2.5	5.0	06/21/16 08:04	
Chloromethane	ug/L	<0.50	1.0	06/21/16 08:04	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/21/16 08:04	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/21/16 08:04	
Dibromochloromethane	ug/L	<0.50	1.0	06/21/16 08:04	
Dibromomethane	ug/L	<0.43	1.0	06/21/16 08:04	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/21/16 08:04	
Diisopropyl ether	ug/L	<0.50	1.0	06/21/16 08:04	
Ethylbenzene	ug/L	<0.50	1.0	06/21/16 08:04	

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

QUALITY CONTROL DATA

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

METHOD BLANK: 1352051 Matrix: Water
Associated Lab Samples: 40134000010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	06/21/16 08:04	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	06/21/16 08:04	
m&p-Xylene	ug/L	<1.0	2.0	06/21/16 08:04	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/21/16 08:04	
Methylene Chloride	ug/L	<0.23	1.0	06/21/16 08:04	
n-Butylbenzene	ug/L	<0.50	1.0	06/21/16 08:04	
n-Propylbenzene	ug/L	<0.50	1.0	06/21/16 08:04	
Naphthalene	ug/L	<2.5	5.0	06/21/16 08:04	
o-Xylene	ug/L	<0.50	1.0	06/21/16 08:04	
p-Isopropyltoluene	ug/L	<0.50	1.0	06/21/16 08:04	
sec-Butylbenzene	ug/L	<2.2	5.0	06/21/16 08:04	
Styrene	ug/L	<0.50	1.0	06/21/16 08:04	
tert-Butylbenzene	ug/L	<0.18	1.0	06/21/16 08:04	
Tetrachloroethene	ug/L	<0.50	1.0	06/21/16 08:04	
Toluene	ug/L	<0.50	1.0	06/21/16 08:04	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/21/16 08:04	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/21/16 08:04	
Trichloroethene	ug/L	<0.33	1.0	06/21/16 08:04	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/21/16 08:04	
Vinyl chloride	ug/L	<0.18	1.0	06/21/16 08:04	
4-Bromofluorobenzene (S)	%	96	70-130	06/21/16 08:04	
Dibromofluoromethane (S)	%	101	70-130	06/21/16 08:04	
Toluene-d8 (S)	%	97	70-130	06/21/16 08:04	

LABORATORY CONTROL SAMPLE: 1352052

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.6	105	70-131	
1,1,2,2-Tetrachloroethane	ug/L	50	45.2	90	67-130	
1,1,2-Trichloroethane	ug/L	50	49.1	98	70-130	
1,1-Dichloroethane	ug/L	50	51.2	102	70-133	
1,1-Dichloroethene	ug/L	50	51.3	103	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.0	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.6	91	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	70-130	
1,2-Dichlorobenzene	ug/L	50	51.5	103	70-130	
1,2-Dichloroethane	ug/L	50	49.3	99	70-130	
1,2-Dichloropropane	ug/L	50	51.5	103	70-130	
1,3-Dichlorobenzene	ug/L	50	53.2	106	70-130	
1,4-Dichlorobenzene	ug/L	50	50.3	101	70-130	
Benzene	ug/L	50	52.4	105	60-135	
Bromodichloromethane	ug/L	50	51.3	103	70-130	
Bromoform	ug/L	50	49.6	99	70-130	
Bromomethane	ug/L	50	47.1	94	33-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

LABORATORY CONTROL SAMPLE: 1352052

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	51.7	103	70-138	
Chlorobenzene	ug/L	50	50.5	101	70-130	
Chloroethane	ug/L	50	51.6	103	51-130	
Chloroform	ug/L	50	51.2	102	70-130	
Chloromethane	ug/L	50	38.1	76	25-132	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	69-130	
cis-1,3-Dichloropropene	ug/L	50	51.0	102	70-130	
Dibromochloromethane	ug/L	50	51.1	102	70-130	
Dichlorodifluoromethane	ug/L	50	30.1	60	23-130	
Ethylbenzene	ug/L	50	57.5	115	70-136	
Isopropylbenzene (Cumene)	ug/L	50	63.8	128	70-140	
m&p-Xylene	ug/L	100	121	121	70-138	
Methyl-tert-butyl ether	ug/L	50	50.1	100	66-138	
Methylene Chloride	ug/L	50	48.8	98	70-130	
o-Xylene	ug/L	50	59.0	118	70-134	
Styrene	ug/L	50	60.3	121	70-133	
Tetrachloroethene	ug/L	50	52.9	106	70-138	
Toluene	ug/L	50	51.1	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	70-131	
trans-1,3-Dichloropropene	ug/L	50	52.5	105	69-130	
Trichloroethene	ug/L	50	52.8	106	70-130	
Trichlorofluoromethane	ug/L	50	49.6	99	50-150	
Vinyl chloride	ug/L	50	48.8	98	49-130	
4-Bromofluorobenzene (S)	%			108	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1352412 1352413

Parameter	Units	40133989001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.00050 mg/L	50	50	52.3	53.5	105	107	70-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.00025 mg/L	50	50	50.8	45.2	102	90	67-130	12	20	
1,1,2-Trichloroethane	ug/L	<0.00020 mg/L	50	50	51.1	48.3	102	97	70-130	6	20	
1,1-Dichloroethane	ug/L	<0.00024 mg/L	50	50	50.7	52.1	101	104	70-134	3	20	
1,1-Dichloroethene	ug/L	<0.00041 mg/L	50	50	48.0	48.7	96	97	68-136	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.0022 mg/L	50	50	45.8	44.6	91	89	62-139	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<0.0022 mg/L	50	50	46.6	44.2	93	88	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.00018 mg/L	50	50	48.5	46.8	97	94	70-130	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1352412 1352413

Parameter	Units	40133989001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichlorobenzene	ug/L	<0.00050 mg/L	50	50	49.8	49.6	100	99	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.00017 mg/L	50	50	48.7	49.0	97	98	70-130	1	20	
1,2-Dichloropropane	ug/L	<0.00023 mg/L	50	50	49.5	50.8	99	102	70-130	3	20	
1,3-Dichlorobenzene	ug/L	<0.00050 mg/L	50	50	51.0	50.7	102	101	70-131	1	20	
1,4-Dichlorobenzene	ug/L	<0.00050 mg/L	50	50	49.4	48.5	99	97	70-130	2	20	
Benzene	ug/L	<0.00050 mg/L	50	50	51.4	52.8	103	106	57-138	3	20	
Bromodichloromethane	ug/L	<0.00050 mg/L	50	50	51.5	50.7	103	101	70-130	2	20	
Bromoform	ug/L	<0.00050 mg/L	50	50	48.0	43.8	96	88	70-130	9	20	
Bromomethane	ug/L	<0.0024 mg/L	50	50	50.7	51.0	101	102	33-130	1	27	
Carbon tetrachloride	ug/L	<0.00050 mg/L	50	50	50.6	53.5	101	107	70-138	6	20	
Chlorobenzene	ug/L	<0.00050 mg/L	50	50	51.6	51.8	103	104	70-130	0	20	
Chloroethane	ug/L	<0.00037 mg/L	50	50	50.8	52.2	102	104	51-130	3	20	
Chloroform	ug/L	<0.0025 mg/L	50	50	49.9	51.9	100	104	70-130	4	20	
Chloromethane	ug/L	<0.00050 mg/L	50	50	34.2	36.1	68	72	25-132	5	20	
cis-1,2-Dichloroethene	ug/L	<0.00026 mg/L	50	50	50.1	52.1	100	104	61-140	4	20	
cis-1,3-Dichloropropene	ug/L	<0.00050 mg/L	50	50	51.4	49.1	103	98	70-130	4	20	
Dibromochloromethane	ug/L	<0.00050 mg/L	50	50	50.3	47.6	101	95	70-130	5	20	
Dichlorodifluoromethane	ug/L	<0.00022 mg/L	50	50	29.5	33.0	59	66	23-130	11	20	
Ethylbenzene	ug/L	<0.00050 mg/L	50	50	53.7	56.2	107	112	70-138	5	20	
Isopropylbenzene (Cumene)	ug/L	<0.00014 mg/L	50	50	55.4	59.6	111	119	70-152	7	20	
m&p-Xylene	ug/L	<0.0010 mg/L	100	100	105	105	105	105	70-140	0	20	
Methyl-tert-butyl ether	ug/L	<0.00017 mg/L	50	50	53.1	49.1	106	98	66-139	8	20	
Methylene Chloride	ug/L	<0.00023 mg/L	50	50	47.5	49.4	95	99	70-130	4	20	
o-Xylene	ug/L	<0.00050 mg/L	50	50	51.7	52.0	103	104	70-134	0	20	
Styrene	ug/L	<0.00050 mg/L	50	50	37.9	28.3	76	57	70-138	29	20	M1,R1
Tetrachloroethene	ug/L	<0.00050 mg/L	50	50	51.7	52.8	103	106	70-148	2	20	
Toluene	ug/L	<0.00050 mg/L	50	50	51.2	50.5	102	101	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1352412 1352413

Parameter	Units	40133989001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,2-Dichloroethene	ug/L	<0.00026 mg/L	50	50	54.9	51.5	110	103	70-133	6	20	
trans-1,3-Dichloropropene	ug/L	<0.00023 mg/L	50	50	50.6	47.2	101	94	69-130	7	20	
Trichloroethene	ug/L	<0.00033 mg/L	50	50	51.7	52.2	103	104	70-131	1	20	
Trichlorofluoromethane	ug/L	<0.00018 mg/L	50	50	47.4	53.5	95	107	50-150	12	20	
Vinyl chloride	ug/L	<0.00018 mg/L	50	50	47.0	46.4	94	93	49-133	1	20	
4-Bromofluorobenzene (S)	%						100	105	70-130			
Dibromofluoromethane (S)	%						96	98	70-130			
Toluene-d8 (S)	%						100	97	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

QC Batch: PMST/12863 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40133999001, 40133999002, 40133999003, 40133999004

SAMPLE DUPLICATE: 1352348

Parameter	Units	40133960001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.8	10.8	0	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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.

WORKORDER QUALIFIERS

WO: 40133999

[1] Samples received at 20.5 degrees C. OK to run per Andy. SVM 6/17/16

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
W	Non-detect results are reported on a wet weight basis.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 7172 KT 163 DUE DILIGENCE
Pace Project No.: 40133999

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40133999001	**B7, 7-8.5'**	EPA 5035/5030B	MSV/34011	EPA 8260	MSV/34012
40133999002	**B8, 4.5-6'**	EPA 5035/5030B	MSV/34011	EPA 8260	MSV/34012
40133999003	**B9, 2-3.5'**	EPA 5035/5030B	MSV/34011	EPA 8260	MSV/34012
40133999004	**B10, 7-8.5'**	EPA 5035/5030B	MSV/34011	EPA 8260	MSV/34012
40134000010	**B10**	EPA 8260	MSV/34002		
40133999001	**B7, 7-8.5'**	ASTM D2974-87	PMST/12863		
40133999002	**B8, 4.5-6'**	ASTM D2974-87	PMST/12863		
40133999003	**B9, 2-3.5'**	ASTM D2974-87	PMST/12863		
40133999004	**B10, 7-8.5'**	ASTM D2974-87	PMST/12863		

(Please Print Clearly)

Company Name:	REI
Branch/Location:	Wausau
Project Contact:	Andy Delforge
Phone:	715-675-9784
Project Number:	7172
Project Name:	KT 163 Due Diligence
Project State:	WI
Sampled By (Print):	
Sampled By (Sign):	Andy Delforge
PO #:	M79768050
Regulatory Program:	

Pace Analytical®
www.pacelabs.com

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

Page 1 of 1

40133999

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

Quote #:	
Mail To Contact:	AD
Mail To Company:	REI
Mail To Address:	
Invoice To Contact:	Troy Batzel
Invoice To Company:	Kwik Trip, Inc
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, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge
W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO) — Y/N: N
PRESERVATION (CODE)* — Pick Letter: F
Analyses Requested: VOC

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	B7, 7-8.5'	6/16/16	8:16	S	8		1-40mlVF, 1-4ozJA	
002	B8, 4.5-6'	↓	8:58	↓	8		↓	
003	B9, 2-3.5	↓	9:47	↓	8		↓	
004	B10, 7-8.5	↓	10:30	↓	8		↓	

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6/16/16 - 3:35PM		
WAXCO	6/17/16 0845	Mari McKay Pace	6/17/16 0845

PACE Project No. 40133999

Receipt Temp = 20.5 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

ORIGINAL

Sample Condition Upon Receipt

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

Project # **WO# : 40133999**

40133999

Client Name: RES

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: Waltco

Tracking #: 1085111-1

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-58 **Type of Ice:** Wet Blue Dry (None) ☐ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 19.5 Corr: 20.5 **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

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

Person examining contents:
Date: 6-17-16
Initials: mm

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. 003 - poly no date and time depth is 7.8.5, 001,002,004 poly
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct containers no date + time. mm 6/17/16
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes ☑No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	14.
Trip Blank Present:	☐Yes ☐No ☑N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

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

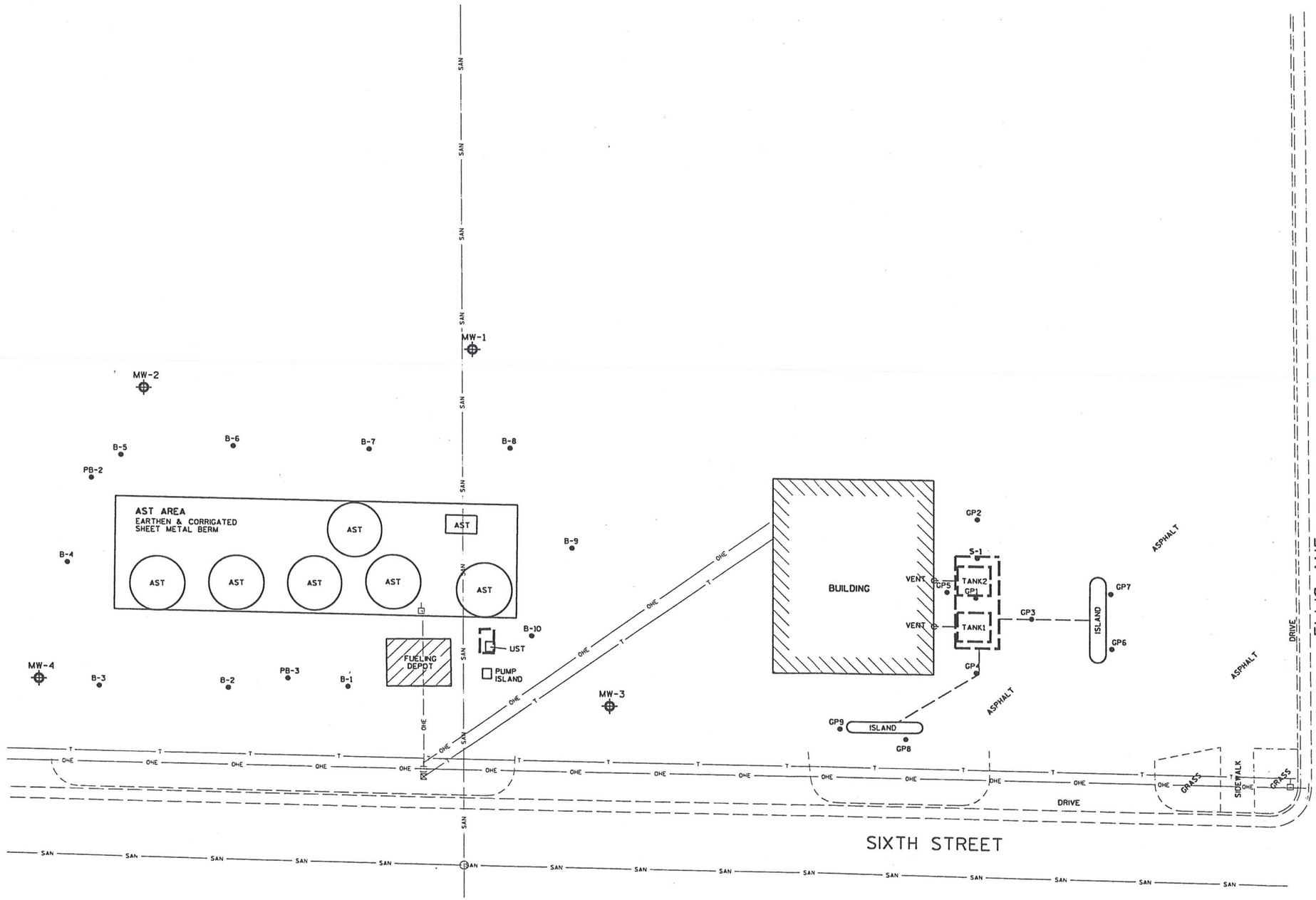
Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 6/17/16

F-GB-C-031-Rev.03 (9April2015) SCUR Form

MSA
1835 N. Stevens
Rhinelander, Wisconsin
54501
715-362-3244
Engineers·Architects·Planners·Surveyors·Scientists



LEGEND

- CURB & GUTTER
- REMOVED UST PIPING
- OHE — OVERHEAD ELECTRIC
- T — UNDERGROUND TELEPHONE
- SAN — SANITARY SEWER
- GP-7 — GEOPROBE SOIL BORING
- MW-3 — MONITORING WELL
- B-7 — SOIL BORING
- POWER POLE
- MANHOLE

N
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20 0 20
SCALE IN FEET

FIGURE 2
SITE LAYOUT
QUEARM OIL CO.
ASLAND, WI

212365FC

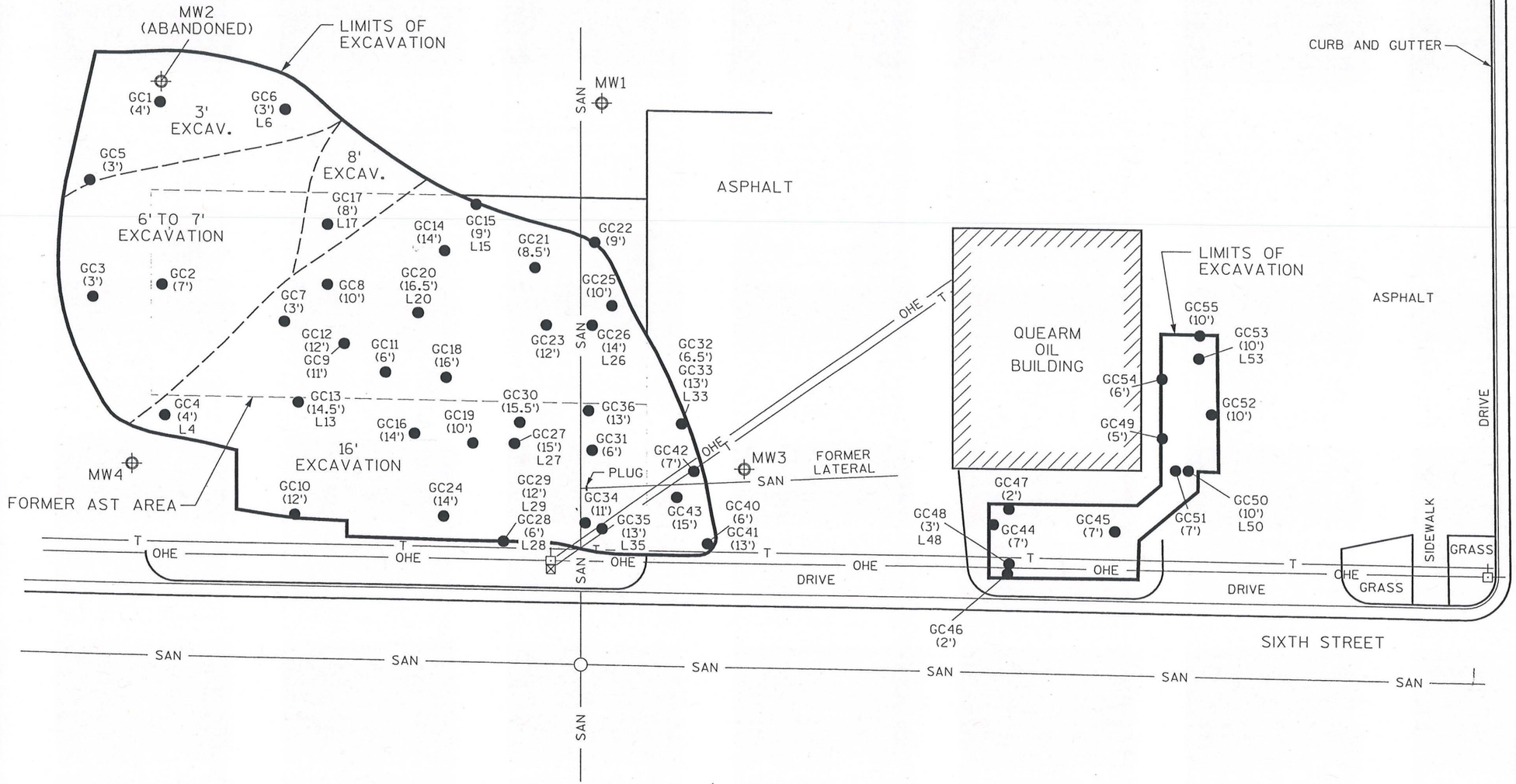


FIGURE 4

EXCAVATION AREA AND SOIL SAMPLE LOCATIONS

QUEARM OIL SITE
ASHLAND, WISCONSIN

MSA PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL • REMEDIATION
DEVELOPMENT • ENVIRONMENTAL
1835 N. Stevens Street Rhinelander, WI 54501
715-363-1244 1-800-844-7854 Fax: 715-363-4136

F.B.		PROJECT 212365KD	
DRAWN BY RHM		DATE 3-31-98	SHEET ------ of ------
CHECKED BY KD		SCALE AS NOTED	FILE NO.

L6 @ 3'	µg/Kg
Benzene	**21**
Toluene	ND
Ethylbenzene	ND
Total Xylenes	ND
GRO	ND
DRO	ND

L15 @ 9'	µg/Kg
Benzene 0.019	**24**
Toluene	ND
Ethylbenzene	ND
Total Xylenes	19
GRO	1.1
DRO	ND

L33 @ 13'	µg/Kg
Benzene 0.019	**52**
Toluene	ND
Ethylbenzene	35
Total Xylenes	117
GRO	5.0
DRO	ND

SITE SPECIFIC STANDARDS (µg/Kg)	
Benzene	19
Toluene	11180
Ethylbenzene	69100
Total Xylenes	17620
GRO (mg/Kg)	250
DRO (mg/Kg)	250

L50 @ 10'	µg/Kg
Benzene	**54**
Toluene	ND
Ethylbenzene	ND
Total Xylenes	ND
GRO	NA
DRO	ND

L29 @ 12'	µg/Kg
Benzene	**550**
Toluene	55
Ethylbenzene	240
Total Xylenes	27
GRO	22
DRO	28

L28 @ 6'	µg/Kg
Benzene	**510**
Toluene	820
Ethylbenzene	980
Total Xylenes	6200
GRO	100
DRO	77

MW2 (ABANDONED)
MW1
MW3
MW4
L6 (3')
L15 (9')
L33 (13')
L29 (12')
L28 (6')
L50 (10')
GC5 (3')
GC47 (2')
GC48 (3')
GC44 (7')
GC45 (7')
GC46 (2')
3' EXCAV.
8' EXCAV.
6' TO 7' EXCAVATION
16' EXCAVATION
LIMITS OF EXCAVATION
SAMPLE ANALYZED WITH GC
ASPHALT
QUEARM OIL BUILDING
FORMER AST AREA
FORMER LATERAL
PLUG
CURB AND GUTTER
SIDEWALK
GRASS
DRIVE
ELLIS AVENUE
SIXTH STREET
SAN
OHE
T

LEGEND

- MW1 — MONITORING WELL
- L6 (10') — GAS CHROMATOGRAPH SOIL SAMPLE AND DEPTH WITH CONFIRMATORY LABORATORY SAMPLE
- POWER POLE
- TELEPHONE PEDESTAL
- MANHOLE
- OHE — OVERHEAD ELECTRIC
- T — UNDERGROUND TELEPHONE
- SAN — SANITARY SEWER
- APPROXIMATE EXTENT OF CONTAMINATED SOIL REMAINING WITH CONTAMINANT LEVELS GREATER THAN THE SITE SPECIFIC STANDARDS

DRO = DIESEL RANGE ORGANICS
GRO = GASOLINE RANGE ORGANICS
NA = NOT ANALYZED
ND = NOT DETECTED

20 0 20
SCALE IN FEET

NOTES:

1. BOLD NUMBERS INDICATE PARAMETER GREATER THAN SITE SPECIFIC STANDARD.
2. SEE TABLE 4 FOR COMPLETE LABORATORY RESULTS.

N W E S

FIGURE 5

SAMPLE LOCATIONS EXCEEDING SITE SPECIFIC STANDARDS

QUEARM OIL SITE
ASHLAND, WISCONSIN

MSA PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL • REMEDIATION DEVELOPMENT • ENVIRONMENTAL
1535 N. Stevens Street Rhinelander, WI 54501
715-362-3244 1-800-844-7654 Fax: 715-362-4116

F.B.
PROJECT 212365BE
DRAWN BY RHM
DATE 4-6-98
CHECKED BY
SCALE AS NOTED
SHEET ..... of .....
FILE NO.

The following site is being submitted for inclusion into the GIS registry:

- To begin, click on cell to the right of; *This is a:*
- Use Tab, ↓ or Pg Down to navigate form. Print & include with file when completed.

This is a:	New Submittal
BRRTS ID (no dashes):	**0302000724**
Comm # (no dashes):	54806050009
County:	Ashland
Region:	Northern
Site Name:	Midland Services Town Mart
Street Address:	109 6th St E
City:	Ashland
Final Closure Date:	02/04/03
Closure Conditions:	met
Off-source property contamination?	No

(If yes, attach locational data and deed information on pg. 2)

Right-of-way contamination?	No
Contaminated media:	Soil

GPS Coordinates (meters in the **WTM91** projection)

Easting (X):	452605
Northing (Y):	679805
Collection Method:	DNR Web Site
Scale or Resolution:	1:3839

(1:24,000 scale or finer)

Prepared by:	Brian F. Taylor
Submitted by:	Brian F. Taylor

Source Property Checklist

- ☒ Final Closure Letter
- ☒ The most recent deed including legal descriptions, for all properties within or partially within the contaminated site boundaries w/ Soil > NR 720 RCL and/or GW > NR 140 ES
- ☒ A certified surveyed map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map
- ☒ Parcel ID for all properties w/ Soil > NR 720 RCL and/or GW > NR 140 ES
- ☒ General Location Map
- ☒ Detailed Location Map showing property boundaries, buildings, MW(s), soil borings and/or potable wells etc for properties w/ Soil > NR 720 RCL and/or GW > NR 140 ES
- ☒ Latest Map(s) showing extent or outline of current GW and/or Soil contamination plume
- ☒ Latest Table of GW and/or Soil results
- ☐ Map showing GW flow direction
- ☐ A table of the previous 4 water level elevation measurements
- ☒ Geologic cross section (if generated as part of the site investigation)
- ☒ Statement signed by RP certifying correctness of legal descriptions
- ☐ ROW Notification

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

February 4, 2003

Mr. Gordon Hamberg
Midland Services Inc
411 Sanborn Ave.
PO Box 500
Ashland, WI 54806-0500

RE: **Final Closure**

Commerce # 54806-0500-09 WDNR BRRTS # 03-02-000724
Midland Services Town Mart, 109 6th St E, Ashland

Dear Mr. Hamberg:

The Wisconsin Department of Commerce (Commerce) has received all items required for closure of the site referenced above. This site is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination.

It is in your best interest to keep all documentation related to the environmental activities at your site. If residual contamination is encountered in the future, appropriate measures must be implemented to assure that it is managed following all applicable regulations. If future site conditions indicate that any remaining contamination poses a threat, and subsequent information indicates a need to reopen this case, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 266-0593.

Sincerely,

Brian F. Taylor
Hydrogeologist
Site Review Section

cc: Mr. Andrew Delforge, REI
Case File

Form 2600-A

X191599 Authorization No. P-9417

DEED NO. 80299

THE GRANTOR, CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY, a Delaware corporation, whose principal office is located at 400 W. Madison St., Chicago, Illinois, for the consideration of FIVE THOUSAND FOUR HUNDRED AND NO/100 -- DOLLARS ($ 5,400.00), conveys and quitclaims to MIDLAND SERVICES, INC., a cooperative association of Ashland, Wisconsin GRANTEE, all interest in the following described real estate situated in the City of Ashland, County of Ashland, and the State of Wisconsin, to wit:

Those parts of Lots 1 and 2, and of the vacated alley, in Block 166 of Ellis Division of the Town (now City), of Ashland, bounded as follows: On the Southwesterly side by the Southwesterly line of said Block 166, being also the Northeasterly line of Ellis Avenue: On the Southeasterly side by the Southeasterly line of said Block 166, being also the Northwesterly line of Sixth Street West: On the Northeasterly side by the center line of said alley: And on the Northwesterly side by a line parallel with and distant 30 feet Southeasterly, measured at right angles, from the center line of the main track of the Chicago and North Western Transportation Company, as said main track is now located.

TRANSFER $ 5.40 FEE

Excepting and Reserving, however, unto the Grantor, its lessees, licensees, successors and assigns, the right to continue to protect, maintain, operate and use any and all existing conduits, sewers, water mains, gas lines, electric power lines, communication lines, wires and other utilities, and easements of any kind whatsoever on said premises, including the repair, reconstruction and replacement thereof.

By the acceptance of this conveyance, the Grantee, for itself, its successors and assigns, agrees:

1. To assume the total expense of erecting and maintaining a fence along the Northwesterly line of the above described real estate in the event a fence is required subsequent to this conveyance, by Grantor, its successors and assigns, or any governmental body having jurisdiction.
2. That the Southwesterly fifty feet (50') being all that portion of said premises lying adjacent to Ellis Avenue for a distance of fifty feet (50') shall be left free from

all buildings, structures, trees, shrubbery or other obstructions which will obstruct the view over and across that portion of said parcel. Improvements may be made to that portion of said parcel however, providing that they maintain a vertical clearance of no less than twelve (12) feet when measured vertically from the top of Grantor's nearest track to the bottom of the improvement.

3. To conform, at no cost to Grantor, to the provisions of state and local governmental authorities or regulations, if any, regarding the platting of the above described real estate.

DATED this 5th day of April 19 77

CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY

Signed, Sealed and Delivered in Presence of:

M. F. Chatterton

Dorthelia Bryant

CORPORATE SEAL AFFIXED

By Robert W. Mickey, Assistant Vice President

Attest Joan A. Schramm, Assistant Secretary

This instrument was prepared by Chicago and North Western Transportation Company, 400 West Madison Street, Chicago, Illinois 60606

VOL 326 PG 18

STATE OF ILLINOIS)
COUNTY OF COOK) ss.

I, Richard S. Kennerley, a Notary Public duly commissioned and qualified in and for the County and State aforesaid, DO HEREBY CERTIFY that Robert W. Mickey and Joan A. Schramm, to me personally known and known to me to be, respectively, Assistant Vice President and Assistant Secretary of CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY, a Delaware corporation, and the identical persons whose names are subscribed to the foregoing instrument, appeared before me this day in person, and being first duly sworn by me, severally acknowledged to me that they are, respectively, Asst. Vice President and Asst. Secretary of said corporation; that as such officers they signed, sealed and delivered said instrument in behalf of said corporation by authority and order of its Board of Directors, as the free and voluntary act and deed of said corporation, and as their own free and voluntary act; that the seal affixed to said instrument is the seal of said corporation; and that said corporation executed said instrument for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal as such Notary Public, at Chicago, Illinois, this 5th of April, 19 77.

NOTARIAL SEAL AFFIXED

Notary Public, in and for the County of Cook, in the State of Illinois.
Richard S. Kennerley

My Commission Expires: November 8, 1980

No. X191599

QUIT-CLAIM DEED

CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY

TO

State of Wis.)
County of Oakland) ss.

This instrument was filed for record in the Reg. of Deeds Office, in and for said County, on the 12 day of May A.D 1977 at 10:50 o'clock AM and recorded in Vol. 326 of Records on Page 17 thereof.

Mansfield A. Starks

VOL 326 PG. 19

Authorization No. Ord. Res.
dated November 25, 1980

DEED NO. 83202

THE GRANTOR, CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY, a Delaware corporation, whose principal office is located at 165 N. Canal Street, Chicago, Illinois, for the consideration of THIRTY-TWO THOUSAND DOLLARS ($32,000.00), conveys and quitclaims to MIDLAND SERVICES, INCORPORATED, a cooperative association of Ashland, Wisconsin, GRANTEE, all interest in the following described real estate situated in the City of Ashland, County of Ashland, and the State of Wisconsin to wit:

TRANSFER
$ 96.00
FEE

Those parts of Blocks 166 and 167, including the vacated alleys therein, together with that part of Second Avenue East lying between and adjoining said Blocks, all in Ellis Division of Ashland, bounded and described as follows: Beginning at the most Easterly corner of said Block 167; thence Southwesterly along the Southeasterly line of said Block 167, and the Southwesterly extension thereof, and the Southeasterly line of said Block 166, and the Northeasterly extension thereof, a distance of 515 feet, more or less, to a point on the center line of the alley in said Block 166; thence Northwesterly along the center line of said alley a distance of 43 feet, more or less, to a point distant 30 feet Southeasterly, measured at right angles, from the center line of the main track (now removed) of the Chicago and North Western Transportation Company, as said main track was located prior to its removal; thence Southwesterly parallel with said (former) main track center line a distance of 150 feet, more or less, to a point on the Southwesterly line of said Block 166; thence Northwesterly along said Southwesterly line of Block 166 a distance of 110 feet, more or less, to the most Westerly corner of Lot 6 in said Block 166; thence Northeasterly along the Northwesterly line, and the Northeasterly extension thereof, of said Lot 6, and the Northwesterly line, and the Southwesterly extension thereof, of Lot 18 in said Block 166, a distance of 300 feet, more or less, to the most Northerly corner of said Lot 18; thence Northeasterly along a straight line a distance of 66 feet, more or less, to the most Westerly corner of Lot 6 in said Block 167; thence Northeasterly along the Northwesterly line, and the Northeasterly extension thereof, of said Lot 6, and the Northwesterly line, and the Southwesterly extension thereof, of Lot 18 in said Block 167, a distance of 300 feet, more or less, to the most Northerly corner of said Lot 18, being a point on the Northeasterly line of said Block 167; thence Southeasterly along the Northeasterly line of said Block 167 a distance of 150 feet, more or less, to the point of beginning.

ALSO:

That part of Lot 7 in said Block 167 lying Southeasterly of a line parallel with and distant 8.5 feet Northwesterly, measured radially, from the center line of an interchange track connecting the main track of the Chicago and North Western Railway Company (now the Chicago and North Western Transportation Company), and the main track of the Northern Pacific Railway Company (now the Burlington Northern Railroad Company), as said interchange track was located in 1954.

VOL 372 PG 417

Subject to all public roads and highways located on the above described real estate.

Excepting and Reserving, however, unto the Grantor, its lessees, licensees, successors and assigns, the right to continue to protect, maintain, operate, and use any and all existing drainage, driveways, conduits, sewers, water mains, gas lines, electric power lines, communication lines, wires and other utilities, and easements of any kind whatsoever on said premises, including the repair, reconstruction and replacement thereof.

Subject to the right of the Grantor, its successors and assigns, to have until June 30, 1983 to enter upon said premises for the purpose of removing track, facilities and appurtenances thereto from said premises and from adjoining premises and until December 31, 1983 for the purpose of removing bridges and bridge materials. If not so removed within said period, they shall be deemed abandoned by Grantor without obligation on Grantor's part and shall thereafter become Grantee's property in place.

By the acceptance of this conveyance, Grantee, for itself, its successors and assigns, agrees to take all steps necessary, at no expense to Grantor, to comply with any and all governmental requirements relating to land platting and use.

This conveyance is made upon the express condition that the Grantor will not pay any taxes or special assessments which may be due or delinquent upon the real estate hereinabove described.

DATED this 11th day of March, 1983.

Signed, Sealed and Delivered in Presence of:

Mary A. Clancy

CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY

By Robert W. Mickey
Robert W. Mickey, Vice President

Attest: John A. Schramm
John A. Schramm, Asst. Secretary

This instrument was prepared by Chicago and North Western Transportation Company, 165 North Canal Street, Chicago, Illinois 60606

VOL 772 PG 418

STATE OF ILLINOIS)
) SS
COUNTY OF C O O K)

I, Richard S. Kennerley, a Notary Public duly commissioned and qualified in and for the County and State aforesaid, DO HEREBY CERTIFY that Robert W. Mickey and Joan A. Schramm, to me personally known and known to me to be, respectively, ______ Vice President and Assistant Secretary of CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY, a Delaware corporation, and the identical persons whose names are subscribed to the foregoing instrument, appeared before me this day in person, and being first duly sworn by me, severally acknowledged to me that they are, respectively, ______ Vice President and Assistant Secretary of said corporation; that as such officers they signed, sealed and delivered said instrument in behalf of said corporation by authority and order of its Board of Directors, as the free and voluntary act and deed of said corporation, and as their own free and voluntary act; that the seal affixed to said instrument is the seal of said corporation; and that said corporation executed said instrument for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal as such Notary Public, at Chicago, Illinois, this 14th of March, 1983.

[signature]
Notary Public, in and for the County of Cook, In the State of Illinois
Richard S. Kennerley

RICHARD S. KENNERLEY NOTARY PUBLIC COOK COUNTY ILL.

My Commission Expires: November 8, 1984

REGISTER OF DEEDS OFFICE
ASHLAND [illegible] WIS.
RECEIVED for record
at 11:10 o'clock 9 [illegible] recorded in
VOL 372 of [illegible] on page 417
APR 4 1983
[signature]
REGISTER OF DEEDS

2-27

ASHLAND COUNTY, WISCONSIN
CITY OF ASHLAND
2001 REAL ESTATE TAX SUMMARY

12/10/2002

201 - 1987 - 8800 - - Parcel # 1987

MIDLAND SERVICES INC

P.O. BOX 500
ASHLAND WI 54806

======== PROPERTY ADDRESS =========
109 6TH STREET E
LOTS 1 THRU 6 LOTS 13 THRU
18, VACATED ALLEY ADJ
W 1/2 VACATED 2ND AVE E ADJ
BLOCK 166 ELLIS DIVISION

========== VOL/PAGE ==========
/ / / /

Dist-School: 170- #1 - #2 - #3 -

Acres Assessed Land: 35700 Improve: 165000 Total: 200700

Ratio: 0.8658 Fair Market: 231800

Gross Tax	Other Credits	Lottery	Net Tax After Credits
5884.53 -	318.36 -	0.00 =	5566.17

Cert #: 0	AMT DUE	AMT PAID	BALANCE	Balance Codes
Tax	5566.17	5566.17	0.00 N	D=Delinqent
Special Assmnt			0.00 -	P=Postponed
Special Chrg			0.00 N	N=No Balance
Delinqent Chrg			0.00 -	
Private Forest			0.00 N	Payments Source
Woodland Tax			0.00	
Managed Forest			0.00 -	L=Lottery
Interest			0.00	M=Municipality
Penalty			0.00	C=County
				R=Redemption
TOTALS	5566.17	5566.17	0.00	

Interest is Calculated for December 2002

Lottery Claims: 0 Amount: 0.00

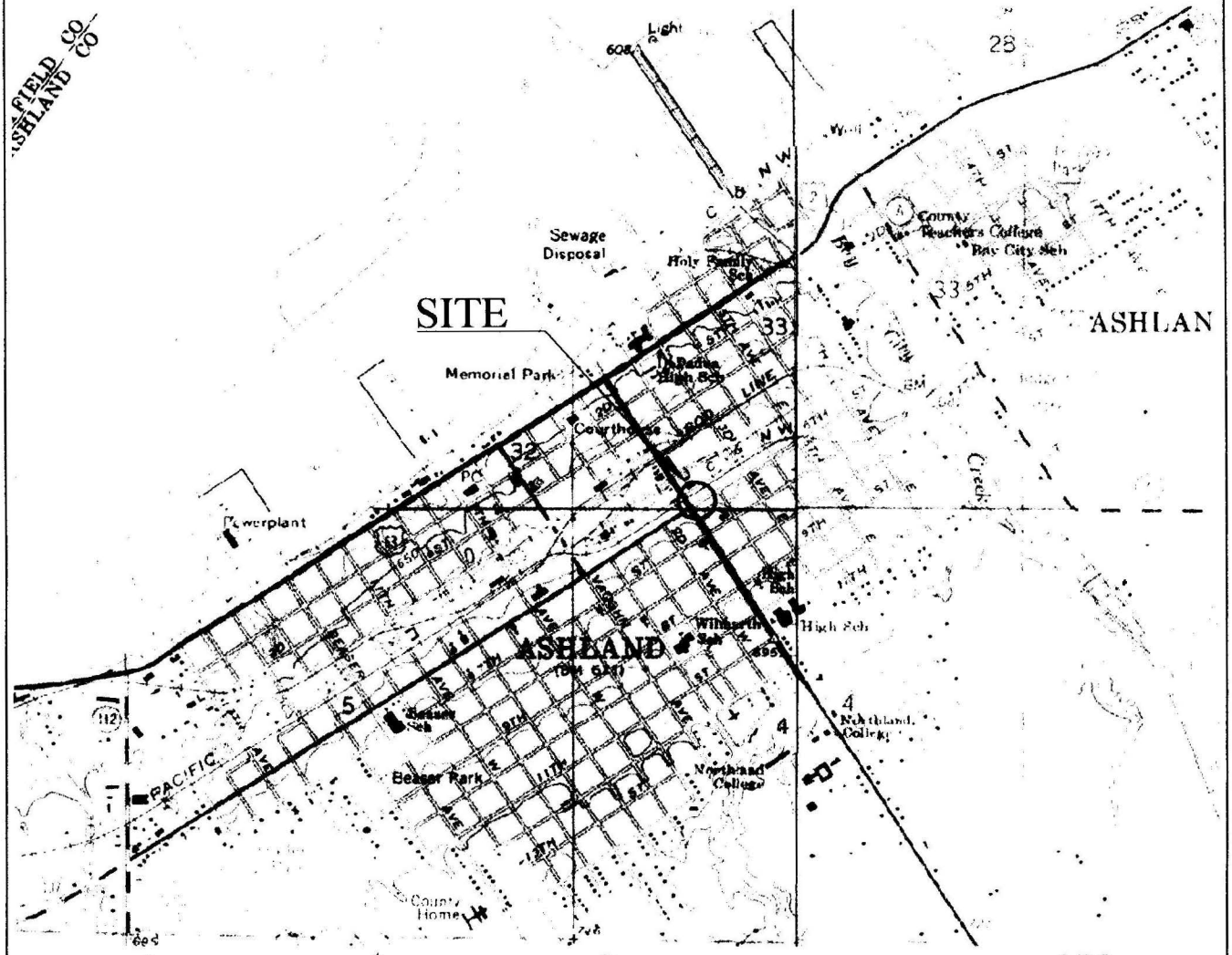
Note:

P O S T E D P A Y M E N T S

Date	Receipt	Source	Tax	Bal	Special	Wood	Interest	Penalty	Total
01/31/2002	3338	M	2783.09	P	0.00	0.00	0.00	0.00	2783.09
08/01/2002	25128	C	2783.08	N	0.00	0.00	0.00	0.00	2783.08

****** E N D O F R E P O R T ******

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS LOW WATER 601.6 FEET

ASHLAND WEST, WIS.

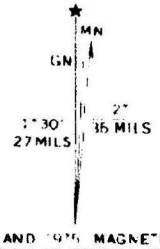
SW/4 ASHLAND 15' QUADRANGLE
N4630—W9052.5/7.5

1964
PHOTOREVISED 1975
AMS 2877 III SW—SERIES V861

ASHLAND EAST, WIS.

SE/4 ASHLAND 15' QUADRANGLE
N4630—W9045/7.5

1964
PHOTOREVISED 1975
AMS 2877 III SE—SERIES V861



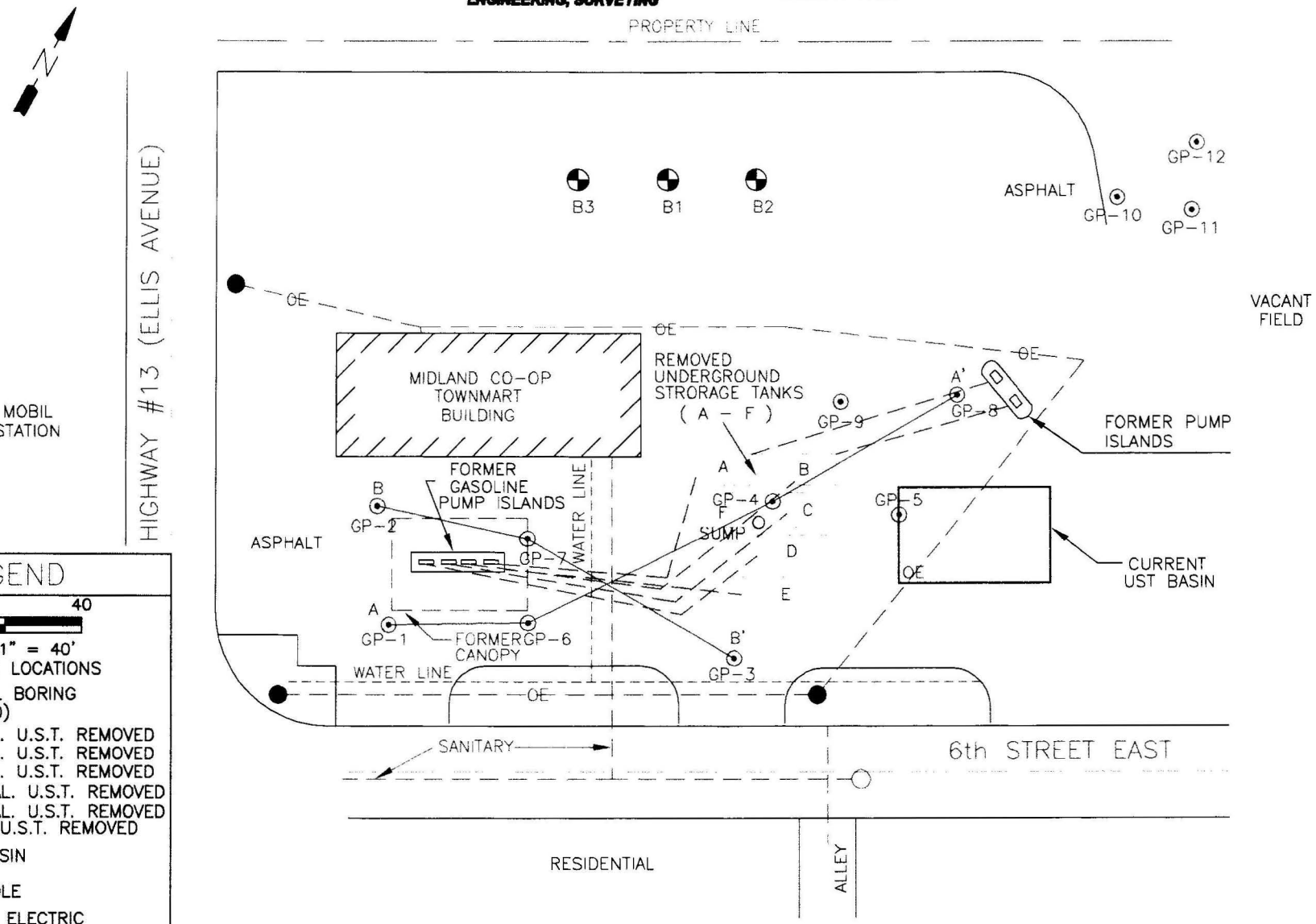
UTM GRID AND 1975 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

J:\DRAFTING\0363MID\363VICIN.dwg

MIDLAND SERVICES TOWNMART 109 EAST 6th STREET ASHLAND, WISCONSIN	FIGURE 1 : SITE VICINITY MAP		
	PROJECT NO. 0363	DRAWN BY: TJR	DATE: 12/6/02

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



LEGEND

0 40

SCALE: 1" = 40'

- ⊙ – GEOPROBE LOCATIONS
- ◔ – T.P.T. SOIL BORING (11/13/90)
- A – 8,000 GAL. U.S.T. REMOVED
- B – 6,000 GAL. U.S.T. REMOVED
- C – 6,000 GAL. U.S.T. REMOVED
- D – 10,000 GAL. U.S.T. REMOVED
- E – 11,000 GAL. U.S.T. REMOVED
- F – 560 GAL. U.S.T. REMOVED
- □ – UST BASIN
- ● – POWER POLE
- OE – OVERHEAD ELECTRIC

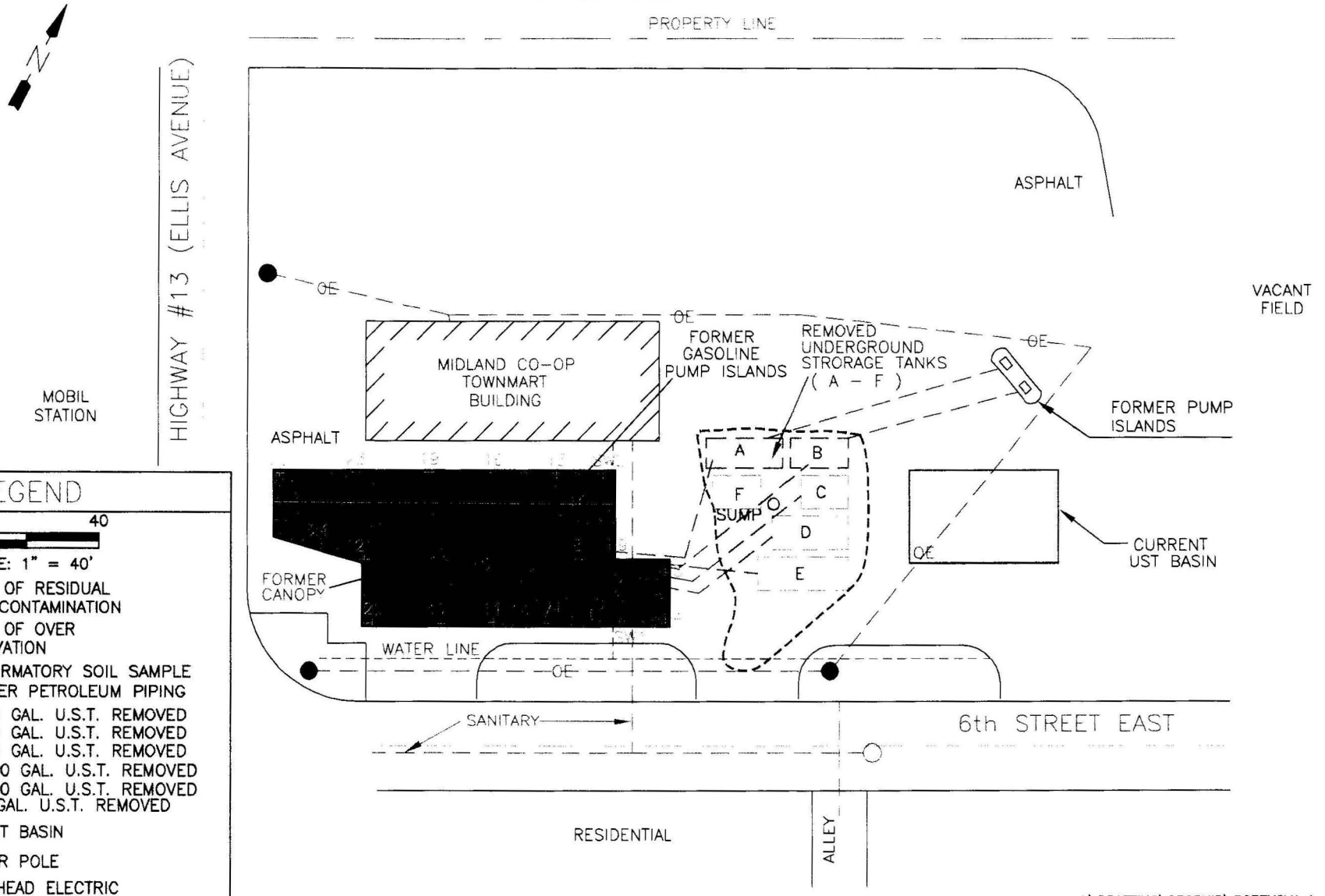
J:\DRAFTING\0363MID\363SITE1.dwg

MIDLAND SERVICES TOWNMART
109 E. 6th STREEET
ASHLAND, WISCONSIN

FIGURE 2 : SITE MAP

PROJECT NO.	DRAWN BY:	DATE:
0363	TJR	12/6/02

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



LEGEND

0 40

SCALE: 1" = 40'

- ▯ – AREA OF RESIDUAL SOIL CONTAMINATION
- ■ – AREA OF OVER EXCAVATION
- – CONFIRMATORY SOIL SAMPLE
- \ – FORMER PETROLEUM PIPING
- A – 8,000 GAL. U.S.T. REMOVED
- B – 6,000 GAL. U.S.T. REMOVED
- C – 6,000 GAL. U.S.T. REMOVED
- D – 10,000 GAL. U.S.T. REMOVED
- E – 11,000 GAL. U.S.T. REMOVED
- F – 560 GAL. U.S.T. REMOVED
- ▭ – UST BASIN
- ● – POWER POLE
- OE – OVERHEAD ELECTRIC

J:\DRAFTING\0363MID\363EXCV1.dwg

MIDLAND SERVICES TOWNMART
109 E. 6th STREET
ASHLAND, WISCONSIN

FIGURE 5 : AREA OF EXCAVATION & ESTIMATED EXTENT OF SOIL CONTAMINATION

PROJECT NO.	DRAWN BY:	DATE:
0363	TJR	12/6/02

TABLE 1a
Pre-remedial Soil Analytical Results From T.P.T. Assessment
Midland Services Townmart
Ashland, WI

	Date-->	11/13/90	11/13/90	11/13/90
	Sample-->	B-1	B-2	B-3
	Sample Depth--(Feet)>	14.5-16.5	4.5-6.5	14.5-16.5
Detected PVOC's ug/kg	RCL			
Benzene	5.5	BDL	BDL	BDL
Ethylbenzene	2,900	956	BDL	BDL
Toluene	1,500	461	BDL	BDL
Xylenes (Total)	4,100	1,060	BDL	BDL
TPH Gasoline		3,860	BDL	BDL
TPH, Fuel Oil		19,400	BDL	BDL

Notes:

RCL - NR 720 Soil Residual Contaminant Level
BDL = Below detection limits
RCL exceedences are in bold text
Analyzed by Twin Ports Testing, Inc.

TABLE 1b
Pre-remedial Soil Analytical Results
Midland Services Townmart
Ashland, WI

	Date-->	7/20/94				7/20/94				7/20/94				7/20/94			
	Sample-->	GP1				GP2				GP3				GP4			
	Sample Depth--(Feet)>	**2-4**	**8-10**	**16-18**	**18-20**	**2-4**	**2-4**	**16-18**	**18-20**	**2-4**	**14-16**	**15-17**	**17-19**	**8-10**	**14-16**	**15-17**	**17-19**
DRO (mg/kg)		<2.5	<2.5	<2.5	0.005	<2.5	<2.5	<2.5	0.005	<2.5	<2.5	<2.5	0.005	<2.5	<2.5	<2.5	0.005
GRO (mg/kg)		<2.5	<2.5	<2.5	0.005	<2.5	<2.5	<2.5	0.005	3.600	<2.5	<2.5	0.005	<2.5	<2.5	<2.5	0.005
		*	*	*		*	*	*		*	*	*		*	*	*	
Detected PVOC's	RCL																
Benzene	5.5	<50	<50	<50	<0.12	<50	<50	<50	<0.13	<50	<50	<50	<0.12	**230**	<50	<50	<0.11
Ethylbenzene	2,900	<50	<50	<50	<0.23	<50	<50	<50	<0.25	140	<50	<50	<0.24	<50	<50	<50	<0.21
Toluene	1,500	<50	<50	<50	<0.46	<50	<50	<50	<0.5	380	<50	<50	<0.48	290	<50	<50	<0.43
Xylenes (Total)	4,100	<50	<50	<50	<0.23	<50	<50	<50	<0.25	370	<50	<50	<0.24	270	<50	<50	<0.21
Methly tert Butyl Ether		<50	<50	<50	<0.46	<50	<50	<50	<0.5	<50	<50	<50	<0.48	<50	<50	<50	<0.43
1,2,4-Trimethylbenzene		<50	<50	<50	<0.23	<50	<50	<50	<0.25	130	<50	<50	<0.24	130	<50	<50	<0.21
1,3,5-Trimethylbenzene		<50	<50	<50	<0.23	<50	<50	<50	<0.25	300	<50	<50	<0.24	120	<50	<50	<0.21
PAH's																	
Acenaphthene	38000	NA	NA	NA	<4.5	NA	NA	NA	<4.4	NA	NA	NA	<4.2	NA	NA	NA	<4.2
Acenaphthylene	700.0	NA	NA	NA	<18.0	NA	NA	NA	<18.0	NA	NA	NA	<17.0	NA	NA	NA	<17.0
Anthracene	3,000,000	NA	NA	NA	<3.6	NA	NA	NA	<3.5	NA	NA	NA	<3.3	NA	NA	NA	<3.4
Benzo (a)Anthracene	17,000	NA	NA	NA	<1.8	NA	NA	NA	<1.8	NA	NA	NA	<1.7	NA	NA	NA	<1.7
Benzo(a)Pyrene	48,000	NA	NA	NA	<2.6	NA	NA	NA	<2.6	NA	NA	NA	<2.5	NA	NA	NA	<2.5
Benzo(b)Fluoranthene	360,000	NA	NA	NA	<1.3	NA	NA	NA	<1.3	NA	NA	NA	<1.2	NA	NA	NA	<1.2
Benzo(k)Fluoranthene	870,000	NA	NA	NA	<3.6	NA	NA	NA	<3.5	NA	NA	NA	<3.3	NA	NA	NA	<3.4
Benzo(ghi)Perylene	6,800,000	NA	NA	NA	<4.5	NA	NA	NA	<4.4	NA	NA	NA	<4.2	NA	NA	NA	<4.2
Chrysene	37,000	NA	NA	NA	<4.5	NA	NA	NA	<4.4	NA	NA	NA	<4.2	NA	NA	NA	<4.2
Dibenzo(a,h)Anthracene	38,000	NA	NA	NA	<4.9	NA	NA	NA	<4.8	NA	NA	NA	<4.5	NA	NA	NA	<4.6
Fluoranthene	500,000	NA	NA	NA	<9.7	NA	NA	NA	<9.6	NA	NA	NA	<9.1	NA	NA	NA	<9.2
Fluorene	100,000	NA	NA	NA	<2.6	NA	NA	NA	<2.6	NA	NA	NA	<2.5	NA	NA	NA	<2.5
Ineno(1,2,3-cd)Pyrene	68,000	NA	NA	NA	<4.5	NA	NA	NA	<4.4	NA	NA	NA	<4.2	NA	NA	NA	<4.2
1-Methly Naphthalene	23,000	NA	NA	NA	<18.0	NA	NA	NA	<18.0	NA	NA	NA	<17.0	NA	NA	NA	<17.0
2-Methyl Naphthalene	20,000	NA	NA	NA	<18.0	NA	NA	NA	<18.0	NA	NA	NA	<17.0	NA	NA	NA	<17.0
Naphthalene	400.0	NA	NA	NA	<4.9	NA	NA	NA	<4.8	NA	NA	NA	<4.5	NA	NA	NA	<4.6
Phenanthrene	1,800.0	NA	NA	NA	<2.2	NA	NA	NA	<2.2	NA	NA	NA	<2.1	NA	NA	NA	<2.1
Pyrene	8,700,000	NA	NA	NA	<4.5	NA	NA	NA	<4.4	NA	NA	NA	<4.2	NA	NA	NA	<4.2
Lead		NA	NA	NA	14.9	NA	NA	NA	8.6	NA	NA	NA	9.9	NA	NA	NA	9.4

Notes:

RCL - NR 720 Soil Residual Contaminant Level
RCL for PAH is suggested generic residual contaminant level in soil for groundwater pathway
RCL exceedences are in bold text

TABLE 1b (Continued)
Pre-remedial Soil Analytical Results
Midland Services Townmart
Ashland, WI

Date-->		7/20/94			7/20/94				7/20/94			7/20/94		
Sample-->		GP5			GP6				GP7			GP8		
Sample Depth--(Feet)>		14-16	17-19	17-19	2-4	14-16	17-19	17-19	11-13	14-16	14-16	11-13	14-16	14-16
DRO (mg/kg)		<2.5	<2.5	0.005	<2.5	<2.5	<2.5	0.005	<2.5	<2.5	0.005	<2.5	<2.5	0.005
GRO (mg/kg)		<2.5	<2.5	0.005	30	<2.5	<2.5	0.005	<2.5	<2.5	0.005	<2.5	<2.5	0.005
		*	*		*	*	*		*	*		*	*	
Detected PVOC's	RCL													
Benzene	0.0055	<50	<50	<0.1	**1,600**	<50	<50	<0.09	<50	<50	<0.1	<50	<50	<0.081
Ethylbenzene	2.9	<50	<50	<0.18	**250**	<50	<50	<0.2	<50	<50	<0.21	<50	<50	<0.17
Toluene	1.5	<50	<50	<0.37	**540**	<50	<50	<0.4	<50	<50	<0.43	<50	<50	<0.34
Xylenes (Total)	4.1	<50	<50	<0.18	**7,300**	<50	<50	<0.2	<50	<50	<0.21	<50	<50	<0.17
Methly tert Butyl Ether		<50	<50	<0.37	<50	<50	<50	<0.4	<50	<50	<0.43	<50	<50	<0.34
1,2,4-Trimethylbenzene		<50	<50	<0.18	980	<50	<50	<0.2	<50	<50	<0.21	<50	<50	<0.17
1,3,5-Trimethylbenzene		<50	<50	<0.18	2,500	<50	<50	<0.2	<50	<50	<0.21	<50	<50	<0.17
PAH's														
Acenaphthene	38	NA	NA	<4.1	NA	NA	NA	<4.0	NA	NA	<4.3	NA	NA	<4.0
Acenaphthylene	0.7	NA	NA	<17.0	NA	NA	NA	<16.0	NA	NA	<18.0	NA	NA	<16.0
Anthracene	3,000	NA	NA	<3.2	NA	NA	NA	<3.2	NA	NA	<3.4	NA	NA	<3.1
Benzo (a)Anthracene	17	NA	NA	<1.7	NA	NA	NA	<1.6	NA	NA	<1.8	NA	NA	<1.6
Benzo(a)Pyrene	48	NA	NA	<2.4	NA	NA	NA	<2.3	NA	NA	<2.5	NA	NA	<2.3
Benzo(b)Fluoranthene	360	NA	NA	<1.2	NA	NA	NA	<1.2	NA	NA	<1.3	NA	NA	<1.2
Benzo(k)Fluoranthene	870	NA	NA	<3.2	NA	NA	NA	<3.2	NA	NA	<3.4	NA	NA	<3.1
Benzo(ghi)Perylene	6,800	NA	NA	<4.1	NA	NA	NA	<4.0	NA	NA	<4.3	NA	NA	<4.0
Chrysene	37	NA	NA	<4.1	NA	NA	NA	<4.0	NA	NA	<4.3	NA	NA	<4.0
Dibenzo(a,h)Anthracene	38	NA	NA	<4.4	NA	NA	NA	<4.3	NA	NA	<4.7	NA	NA	<4.3
Fluoranthene	500	NA	NA	<8.8	NA	NA	NA	<8.7	NA	NA	<9.4	NA	NA	<8.6
Fluorene	100	NA	NA	<2.4	NA	NA	NA	<2.3	NA	NA	<2.5	NA	NA	<2.3
Ineno(1,2,3-cd)Pyrene	680	NA	NA	<4.1	NA	NA	NA	<4.0	NA	NA	<4.3	NA	NA	<4.0
1-Methly Naphthalene	23	NA	NA	<17.0	NA	NA	NA	<16.0	NA	NA	<18.0	NA	NA	<16.0
2-Methyl Naphthalene	20	NA	NA	<17.0	NA	NA	NA	<16.0	NA	NA	<18.0	NA	NA	<16.0
Naphthalene	0.4	NA	NA	<4.4	NA	NA	NA	<4.3	NA	NA	<4.7	NA	NA	<4.3
Phenanthrene	1.8	NA	NA	<2.0	NA	NA	NA	<2.0	NA	NA	<2.2	NA	NA	<2.0
Pyrene	8,700	NA	NA	<4.1	NA	NA	NA	<4.0	NA	NA	<4.3	NA	NA	<4.0
Lead		NA	NA	8.7	NA	NA	NA	12.5	NA	NA	7.1	NA	NA	8.1

Notes:

All values are reported in mg/kg (parts per million)

RCL - NR 720 Soil Residual Contaminant Level

RCL for PAH is suggested generic residual contaminant level in soil for groundwater pathway

RCL exceedences are in bold text

TABLE 1b (Continued)
Pre-remedial Soil Analytical Results
Midland Services Townmart
Ashland, WI

Date-->		7/20/94			7/20/94			7/20/94			7/20/94		
Sample-->		GP9			GP10			GP11			GP12		
Sample Depth-(Feet)>		8-10	14-16	14-16	5-7	8-10	8-10	8-10	10-12	10-12	5-7	8-10	8-10
DRO (mg/kg)		<2.5	<2.5	0.005	<2.5	<2.5	0.005	<2.5	<2.5	0.005	<2.5	<2.5	0.005
GRO (mg/kg)		<2.5	<2.5	0.005	<2.5	<2.5	0.005	<2.5	<2.5	0.005	<2.5	<2.5	0.005
		*	*		*	*		*	*		*	*	
Detected PVOC's	RCL												
Benzene	0.0055	<50	<50	<0.083	<50	<50	<0.1	<50	<50	<0.1	<50	<50	<0.08
Ethylbenzene	2.9	<50	<50	<0.17	<50	<50	<0.2	<50	<50	<0.2	<50	<50	<0.17
Toluene	1.5	<50	<50	<0.33	<50	<50	<0.4	<50	<50	<0.4	<50	<50	<0.34
Xylenes (Total)	4.1	<50	<50	<0.17	<50	<50	<0.2	<50	<50	<0.2	<50	<50	<0.17
Methly tert Butyl Ether		<50	<50	<0.33	<50	<50	<0.4	<50	<50	<0.4	<50	<50	<0.34
1,2,4-Trimethylbenzene		<50	<50	<0.17	<50	<50	<0.2	<50	<50	<0.2	<50	<50	<0.17
1,3,5-Trimethylbenzene		<50	<50	<0.17	<50	<50	<0.2	<50	<50	<0.2	<50	<50	<0.17
PAH's													
Acenaphthene	38	NA	NA	<4.0	NA	NA	<3.9	NA	NA	<4.0	NA	NA	<3.9
Acenaphthylene	0.7	NA	NA	<17.0	NA	NA	<16.0	NA	NA	<16.0	NA	NA	<16.0
Anthracene	3,000	NA	NA	<3.2	NA	NA	<3.1	NA	NA	<3.1	NA	NA	<3.1
Benzo (a)Anthracene	17	NA	NA	<1.7	NA	NA	<1.6	NA	NA	<1.6	NA	NA	<1.6
Benzo(a)Pyrene	48	NA	NA	<2.4	NA	NA	<2.3	NA	NA	<2.3	NA	NA	<2.3
Benzo(b)Fluoranthene	360	NA	NA	<1.2	NA	NA	<1.2	NA	NA	<1.2	NA	NA	<1.1
Benzo(k)Fluoranthene	870	NA	NA	<3.2	NA	NA	<3.1	NA	NA	<3.1	NA	NA	<3.1
Benzo(ghi)Perylene	6,800	NA	NA	<4.0	NA	NA	<3.9	NA	NA	<4.0	NA	NA	<3.9
Chrysene	37	NA	NA	<4.0	NA	NA	<3.9	NA	NA	<4.0	NA	NA	<3.9
Dibenzo(a,h)Anthracene	38	NA	NA	<4.4	NA	NA	<4.3	NA	NA	<4.3	NA	NA	<4.3
Fluoranthene	500	NA	NA	<8.7	NA	NA	<8.6	NA	NA	<8.6	NA	NA	<8.5
Fluorene	100	NA	NA	<2.4	NA	NA	<2.3	NA	NA	<2.3	NA	NA	<2.3
Ineno(1,2,3-cd)Pyrene	680	NA	NA	<4.0	NA	NA	<3.9	NA	NA	<4.0	NA	NA	<3.9
1-Methly Naphthalene	23	NA	NA	<17.0	NA	NA	<16.0	NA	NA	<16.0	NA	NA	<16
2-Methyl Naphthalene	20	NA	NA	<17.0	NA	NA	<16.0	NA	NA	<16.0	NA	NA	<16
Naphthalene	0.4	NA	NA	<4.4	NA	NA	<4.3	NA	NA	<4.3	NA	NA	<4.3
Phenanthrene	1.8	NA	NA	<2.0	NA	NA	<2.0	NA	NA	<2.0	NA	NA	<2.0
Pyrene	8,700	NA	NA	<4.0	NA	NA	<3.9	NA	NA	<4.0	NA	NA	<3.9
Lead		NA	NA	8.4	NA	NA	10.7	NA	NA	11.6	NA	NA	7.6

Notes:

All values are reported in mg/kg (parts per million)

RCL - NR 720 Soil Residual Contaminant Level

RCL for PAH is suggested generic residual contaminant level in soil for groundwater pathway

RCL exceedences are in bold text

Table 1c
Post-Remediation Soil Analytical Results
Midland Services Townmart
Ashland, Wisconsin

Midland Services Townmart		*Date-->*	4/20/1995	4/20/1995	4/20/1995	4/20/1995	4/20/1995	4/20/1995	4/20/1995	4/20/1995
	RCL (ppm)	*Sample-->*	SW-1	SW-2	EX-3	EX-4	EX-5A	EX-6A	EX-7A	EX-8A
		Depth-->	4'	3.5'	8'	8'	8'	7'	7'	7
PVOC 's										
Benzene	0.0055		0.0013	0.00135	X	X	X	X	X	X
Toluene	1.5		X	X	X	X	X	X	X	X
Ethylbenzene	2.9		X	X	X	X	X	X	X	X
Xylene	4.1		X	X	X	X	X	X	X	X
1,2-Dichloroethane	0.0049		X	X	X	X	X	X	X	X
MTBE			X	X	X	X	X	X	X	X
1,2,4-Trimethylbenzene			X	X	X	X	X	X	X	X
1,3,5-Trimethylbenzene			X	X	X	X	X	X	X	X
GRO	250		X	X	X	X	X	X	X	X
DRO	250		NA	NA	NA	NA	NA	NA	NA	NA
Lead	50		11.6	X	6.99	13.5	11.6	7.15	11.9	6.01

Notes:

Units are in mg/kg (equivalent to ppm). Shaded where RCL was exceeded.

RCL - NR 720 Soil Residual Contaminant Level

X - Below Detection Limit

NA - Not Analyzed

F:\REISHARE\DELFORGE\363closure\[0363exsoil.XLS]exsoil

Table 1c (Continued)
Post-Remediation Soil Analytical Results
Midland Services Townmart
Ashland, Wisconsin

Midland Services Townmart		*Date-->*	4/21/1995	4/21/1995	4/21/1995	4/21/1995	4/21/1995	4/21/1995	4/21/1995	4/21/1995
	RCL (ppm)	*Sample-->*	EX-9A	EX-10A	EX-11A	EX-13A	EX-15	EX-16A	EX-17A	EX-18A
		Depth-->	7'	7'	7'	7'	7'	7'	7'	7'
PVOC 's										
Benzene	0.0055		X	X	X	X	X	X	X	X
Toluene	1.5		X	X	X	X	X	X	X	X
Ethylbenzene	2.9		X	X	X	X	X	X	X	X
Xylene	4.1		X	X	X	X	X	X	X	X
1,2-Dichloroethane	0.0049		X	X	X	X	X	X	X	X
MTBE			X	X	X	X	X	X	X	X
1,2,4-Trimethylbenzene			X	X	X	X	X	X	X	X
1,3,5-Trimethylbenzene			X	X	X	X	X	X	X	X
GRO	250		X	X	X	X	X	X	X	X
DRO	250		NA	NA	NA	NA	NA	NA	NA	NA
Lead	50		25.2	19.5	9.34	6.68	8.90	10.2	9.54	7.80

Notes:

Units are in mg/kg (equivalent to ppm). Shaded where RCL was exceeded.

RCL - NR 720 Soil Residual Contaminant Level

X - Below Detection Limit

NA - Not Analyzed

Table 1c (Continued)
Post-Remediation Soil Analytical Results
Midland Services Townmart
Ashland, Wisconsin

Midland Services Townmart		*Date-->*	4/21/1995	4/21/1995	4/21/1995	4/21/1995	4/21/1995	4/21/1995
	RCL (ppm)	*Sample-->*	EX-19A	EX-20	EX-21A	EX-22	EX-23	EX-24
		Depth-->	7'	7'	5'	5'	5'	5'
PVOC 's								
Benzene	0.0055		X	X	X	X	0.00113	X
Toluene	1.5		X	X	X	X	X	X
Ethylbenzene	2.9		X	X	X	X	X	X
Xylene	4.1		X	X	X	X	X	X
1,2-Dichloroethane	0.0049		X	X	X	X	X	X
MTBE			X	X	X	X	X	X
1,2,4-Trimethylbenzene			X	X	X	X	X	X
1,3,5-Trimethylbenzene			X	X	X	X	X	X
GRO	250		X	X	X	X	X	X
DRO	250		NA	NA	NA	NA	NA	NA
Lead	50		10.2	11.4	9.04	11.2	9.46	9.87

Notes:

Units are in mg/kg (equivalent to ppm). Shaded where RCL was exceeded.
RCL - NR 720 Soil Residual Contaminant Level
X - Below Detection Limit
NA - Not Analyzed

Table 2
Sump Water Analytical Results
Midland Services Townmart
Ashland, WI

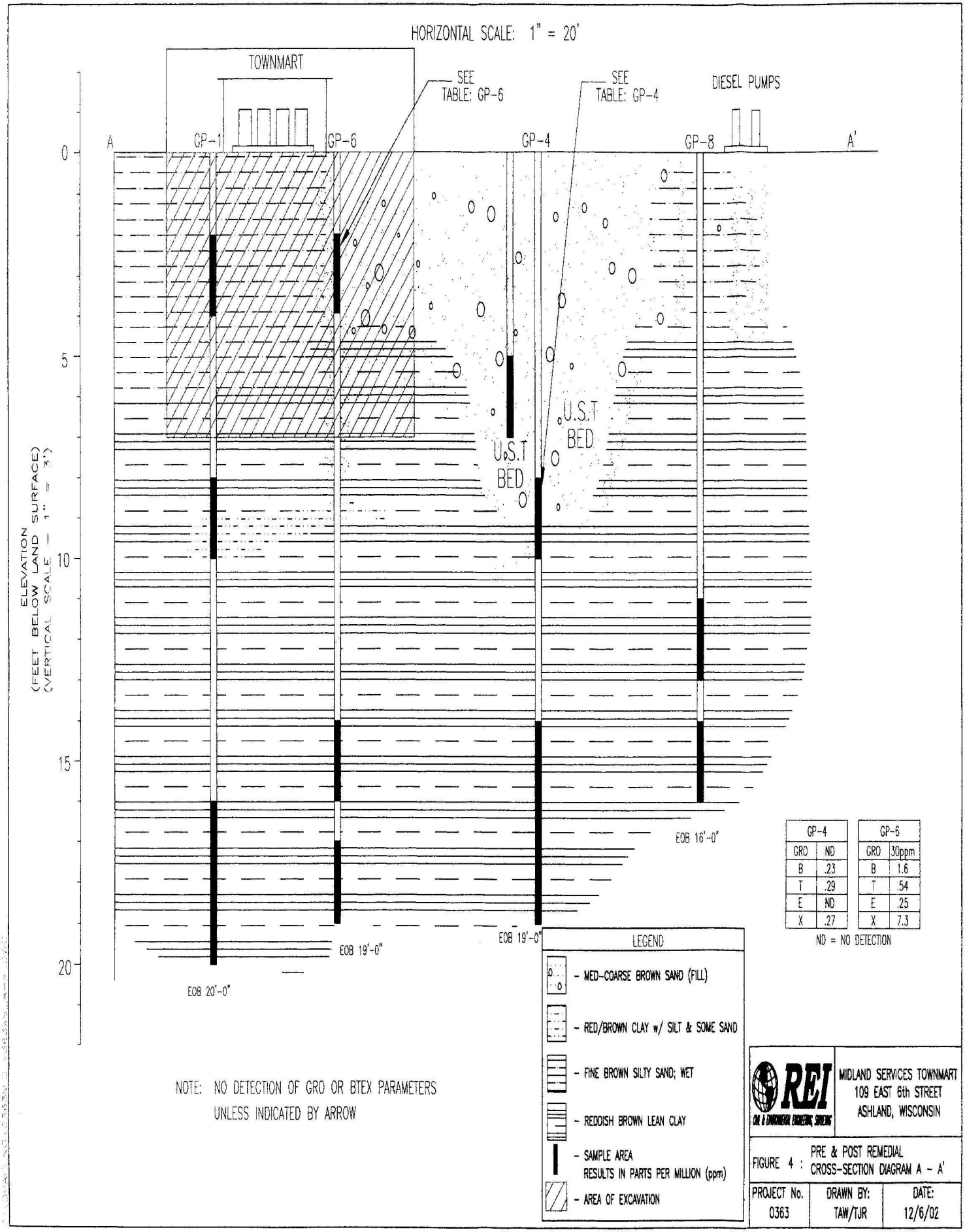
SUMP

PARAMETER	ES	PAL	3/15/95	10/7/97	2/11/02	12/10/02
GRO (mg/L)			<50	NA	NA	NA
DRO (mg/L)			296	NA	NA	NA
Detected VOC's (ug/L)						
Benzene	5	0.5	*1.62*	**1400**	**130**	*4.3*
Ethylbenzene	700	140	<1.0	*170*	<0.82	<0.82
Toluene	1,000	200	<2.0	12	<0.68	<0.68
Xylenes (Total)	10,000	1,000	<3.0	910	<2.47	<2.47
Trimethylbenzenes (Total)	480	96	<3.0	*368*	23	30
Methyl Tert Butyl Ether	60	12	<2.0	<20	0.56	<0.43
n-Butylbenzene			<1.0	NA	NA	NA
Isopropylbenzene			<1.0	NA	NA	NA
Naphthalene	40	8	<1.0	NA	NA	NA
1,2-Dichloroethane	5	0.5	<0.5	NA	NA	NA
Detected PAHs (ug/L)						
Acenapthene			<0.1	NA	NA	NA
Acenapthylene			<0.4	NA	NA	NA
Anthracene	3,000	600	<0.08	NA	NA	NA
Benzo (a) Anthracene			<0.04	NA	NA	NA
Benzo (a) Pyrene	0.2	0.02	<0.06	NA	NA	NA
Benzo (b) Fluoranthene	0.2	0.02	<0.03	NA	NA	NA
Benzo (k) Fluoranthene			<0.08	NA	NA	NA
Benzo (g,h,i) Fluoranthene			<0.1	NA	NA	NA
Chrysene	0.2	0.02	**0.660**	NA	NA	NA
Dibenzo(a,h)Anthracene			<0.11	NA	NA	NA
Fluoranthene	400	80	<0.22	NA	NA	NA
Fluorene	400	80	<0.06	NA	NA	NA
Ideno(1,2,3-cd)Pyrene			<0.1	NA	NA	NA
1-Methyl Napthalene			<0.4	NA	NA	NA
2-Methyl Napthalene			<0.4	NA	NA	NA
Napthalene	40	8	*1.83*	NA	NA	NA
Phenanthrene			0.819	NA	NA	NA
Pyrene	250	50	0.1	NA	NA	NA
Detected Metals and Indicator Parameters (mg/L)						
Lead (Pb) (ug/L)	15	1.5	<2.0	NA	NA	NA

PAL = Preventative Action Limit

ES = Enforcement Standards

	= Exceeds Enforcement Standard
BOLD	= Exceeds Preventative Action Limit



GP-4	
GRO	ND
B	.23
T	.29
E	ND
X	.27

GP-6	
GRO	30ppm
B	1.6
T	.54
E	.25
X	7.3

ND = NO DETECTION

LEGEND

- MED-COARSE BROWN SAND (FILL)
- RED/BROWN CLAY w/ SILT & SOME SAND
- FINE BROWN SILTY SAND; WET
- REDDISH BROWN LEAN CLAY
- SAMPLE AREA RESULTS IN PARTS PER MILLION (ppm)
- AREA OF EXCAVATION

NOTE: NO DETECTION OF GRO OR BTEX PARAMETERS UNLESS INDICATED BY ARROW

REI
CIVIL & ENVIRONMENTAL ENGINEERING SERVICES

MIDLAND SERVICES TOWNMART
109 EAST 6th STREET
ASHLAND, WISCONSIN

FIGURE 4 : PRE & POST REMEDIAL CROSS-SECTION DIAGRAM A - A'

PROJECT No.	DRAWN BY:	DATE:
0363	TAW/TJR	12/6/02

December 16, 2002

Re: Midland Townmart
WDNR UID #03-02-000724
PECFA Claim # 54806-0500-09
109 East 6th Street
Ashland, WI
Ashland County Parcel Identification # 201-1987-8900
"Lots 1 through 6, Lots 13 through 18, vacated alley adjacent, west ½ 2nd Avenue adjacent, Block 166 Ellis Division."

I have reviewed the above referenced legal description, and hereby certify that it is correct for the Midland Townmart site.

Gordon T Hamberg 12-20-02
Gordon Hamberg Date