SITE INVESTIGATION REPORT

For

Wegner Property (Former)
301 S. Zachow Street
Cecil, Wisconsin 54111

WDNR BRRTS No. 03-59-252763

Prepared For

Mr. Steven Bartz
301 S. Zachow Street
Cecil, Wisconsin 54111

Prepared By

Endeavor Environmental Services, Inc.
2280-B Salscheider Court
Green Bay, Wisconsin 54313

Project No. P101397.40

July 11, 2017

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EXECUTIVE SUMMARY

This Site Investigation Report (SIR) summarizes the site activities associated with defining the degree and extent of identified petroleum contamination. The environmental activities performed were administered to comply with Wisconsin Administrative Code (WAC), NR 700 for the cleanup of petroleum contamination and consisted of Geoprobe soil borings, soil sample collection, monitoring well installation, groundwater sampling, hydraulic conductivity testing and sub-slab vapor screening.

The Wegner Property (Former) site is located at 301 S. Zachow Street in the Village of Cecil, Shawano County, Wisconsin. The subject property is the former location Stoltenow Masonry which utilized a former petroleum storage and distribution system to fuel fleet vehicles. The site is currently a residential property.

On April 6, 2000, Robert E. Lee & Associates, Inc. completed tank site assessment soil sampling activities associated with the removal of the petroleum distribution system located at the above referenced site. One soil sample from beneath the gasoline underground storage tank (UST) was collected and submitted for laboratory analysis of gasoline range organics (GRO). Soil sample laboratory analytical results reported detections of GRO above WAC, NR 720.09 residual contaminant levels (RCLs) in soil sample S1 (West).

On April 24, 2000, Robert E. Lee & Associates, Inc., notified the Wisconsin Department of Natural Resources (WDNR) of the confirmed petroleum soil contamination.

On May 9, 2000, the WDNR issued a "Responsible Party" (RP) letter to Troy Wagner, outlining his responsibility to restore the environment.

On July 15, 2002, the WDNR issued a new RP letter to Steven Bartz, outlining his responsibility to restore the environment.

On September 30, 2010, Wisconsin Department of Commerce (COMM) granted Petroleum Environmental Cleanup Fund Award (PECFA) eligibility to the aforementioned UST and its associated contamination.

On November 8, 2010, Endeavor executed an agent status contract to provide professional consulting services associated with the site investigation and/or remedial activities associated with the confirmed petroleum release.

As part of the site investigation, a total of fifteen soil borings (GP-1 thru GP-5, GP-10 thru GP-15, MW-1 thru MW-4, and MW-10) were advanced. A total of twenty-nine soil samples were collected and submitted for laboratory analysis of one or more of the following: GRO, volatile organic compounds (VOCs), petroleum volatile organic compounds (PVOCs) and naphthalene. The soil sample laboratory analytical results have identified benzene, ethylbenzene, toluene, total xylenes, 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, and

naphthalene concentrations above Calculated RCLs (groundwater protection) and/or Calculated RCLs (direct contact/non-industrial site) in unsaturated soil samples S1 (West), GP-1, S-4, GP-2, S-2, GP-2, S-4, GP-3, S-4, GP-3, S-5, GP-5, S-2, GP-12, S-4, and GP-13, S-4. The extent of petroleum soil contamination has been adequately defined by the soil boring configuration. Preliminary groundwater samples were also collected via temporary monitoring well from borings GP-1 and GP-3 to aid with preliminary screening for monitoring well placement. Soil sample laboratory analytical results illustrate that residual soil contamination exceeding Calculated RCLs remains on the subject property. The soil contaminant plume extends radially from the former UST basin.

Five of the soil borings installed were constructed as WAC, NR 141 groundwater monitoring wells (MW-1 thru MW-4 and MW-10). The subject site also contains a residential supply well (potable). Endeavor performed seven groundwater sampling events during which groundwater samples were collected from a combination of monitoring wells and the potable and submitted for laboratory analysis of VOCs, PVOCs plus naphthalene and polycyclic aromatic hydrocarbons (PAHs). The groundwater sample laboratory analytical results reported contaminant concentrations exceeding WAC, NR 140 enforcement standards (ESs) or preventive action limits (PALs) in groundwater monitoring well MW-4. Contaminants reported at concentrations exceeding their respective WAC, NR 140 ESs or PALs included: benzene, ethylbenzene, toluene, total xylenes, total TMBs, and naphthalene. All remaining analyzed contaminant concentrations were reported to be below their respective WAC, NR 140 ESs or PALs. The extent of groundwater contamination has been adequately defined by the groundwater monitoring well network. Groundwater monitoring has revealed that residual groundwater contamination exceeding WAC, NR 140 ESs remains on-site. The groundwater contamination plume also extends radially from the former UST basin.

Potable sampling activities identified low level detections of benzene, toluene and carbon disulfide during the August 27, 2012, sampling event. These detections were flagged by the laboratory as being between the limits of detection and quantification. Three subsequent potable sampling events reported no detections of analyzed VOC constituents above their respective laboratory reporting limits.

Site soils observed during soil boring activities consisted primarily of sandy silt, silty sand, silty clay, loamy silt, and loamy clay. Gravel fill was observed in the location of the former basin for the 300-gallon gasoline UST. Bedrock was not encountered during site investigation activities.

Site vapor screening activities have not identified a concern for vapor intrusion to site buildings or contaminant migration along any known utility corridors.

The groundwater table has been measured during well sampling activities and indicates the depth to the groundwater table to be located between 4.20 to 9.92 feet below ground surface (bgs). The groundwater monitoring well network was surveyed and the groundwater flow direction extends northwest toward Shawano Lake. Hydraulic conductivity testing was

performed on two monitoring wells (MW-3 and MW-4). Hydraulic conductivity at the site was calculated to be 4.2 ft/day.

Site investigation activities outlined above have adequately defined the site soil and groundwater contaminant plumes associated with the site petroleum release. The site petroleum contamination is located below the existing site pavement. Endeavor implemented a natural attenuation monitoring program to address the dissolved contaminant plume.

1.0 INTRODUCTION AND BACKGROUND

1.1 Responsible Party Information

Contact: Mr. Steven Bartz
301 S. Zachow Street
Cecil, Wisconsin 54111

1.2 Consultant Information

Endeavor Environmental Services, Inc.
2280-B Salscheider Court
Green Bay, Wisconsin 54313
Contact: Joseph M. Ramcheck, P.H.
Office: (920) 437-2997; Cell: (920) 737-5313; Fax: (920) 437-3066
e-mail: jramcheck@endeavorenv.com

1.3 Site Location and Description

The subject property is in the NE1/4 of the NE1/4, Section 20, Township 27 North, Range 17 East, Village of Cecil, Shawano County, Wisconsin. The parcel identification number is 111-50100-0290. Figure 1 illustrates the site location. The property deed and survey map are provided in Appendix A and B, respectively.

The WTM91 coordinates for the corner boundaries of the subject property were determined from the WDNR RR sites map. The parcel boundaries were extrapolated from an on-line parcel map, scale 1: 1,150, from the Shawano County GIS website and transferred to the WDNR RR sites map using features from the aerial photo. The WTM91 coordinates obtained from the WDNR RR sites map are commencing at the northwest property corner and proceed clockwise are:

642,560 (x), 482,753 (y)
642,604 (x), 482,753 (y)
642,606 (x), 482,707 (y)
642,561 (x), 482,709 (y)

The subject property is the former location of Stoltenow Masonry which formerly used a petroleum storage and distribution system consisting of one 300-gallon gasoline UST to fuel fleet vehicles. The system was formerly located adjacent to the northeast corner of the current garage. The subject property is serviced by public utilities including electric, phone, and sanitary sewer. The site is bordered by residential development on all sides. Figure 2 illustrates the site plan view.

1.4 Previous Environmental Activities

On April 6, 2000, Robert E. Lee & Associates, Inc. completed tank site assessment soil sampling activities associated with the removal of the petroleum distribution system located at the above referenced site. One soil sample from beneath the 300-gallon gasoline UST was collected and submitted for laboratory analysis of GRO.

Soil sample laboratory analytical results reported detections of GRO above WAC, NR 720.09 residual contaminant levels in soil sample S1 (West).

On April 24, 2000, Robert E. Lee & Associates, Inc., notified the WDNR of the confirmed petroleum soil contamination.

On May 9, 2000, the WDNR issued an RP letter to Troy Wagner, outlining his responsibility to restore the environment.

On July 15, 2002, the WDNR issued a new RP letter to Steven Bartz, outlining his responsibility to restore the environment.

On September 30, 2010, COMM granted PECFA eligibility to the aforementioned UST and its associated contamination.

On November 8, 2010, Endeavor executed an agent status contract to provide professional consulting services associated with the site investigation and/or remedial activities associated with the confirmed petroleum release.

2.0 GEOLOGY AND RECEPTORS

2.1 Site Geology and Hydrogeology

According to the United States Department of Agriculture, Natural Resource Conservation Service's Web Soil Survey, the site soils consists of Onaway fine sandy loams. Onaway fine sandy loam has 2 – 6 percent slopes and consists of very deep, well drained to moderately well drained soils. Onaway fine sandy loam formed in deep loamy deposits on ground moraines, end moraines, and drumlins. Permeability of this soil is listed as moderate. Depth to groundwater is greater than 6 feet.

The WDNR RR site map revealed that Shawano Lake is located west of the subject site.

Site soils observed during soil boring activities consisted primarily of loamy clay, silty sand, medium sand, sandy silt, and loamy silt. Bedrock was not encountered during site investigation activities. Figure 3 and 4 provides a cross-sectional view of site soils along transect A-A' and B-B', respectively.

According to the Bedrock Map of Wisconsin, University of Wisconsin – Extension Geological and Natural History Survey (WGNHS) date 1982, the site bedrock conditions are described as sedimentary rocks of the Paleozoic Age that correlate with the Cambrian System. The bedrock is composed of undivided sand stone with some dolomite and shale that includes the Trempealeau, Tunnel City, and Elk Mounds Group. The underlying bedrock is estimated to range from 15 to 30 meters bgs.

On-site depth to groundwater measurements has shown groundwater to be located between 4.09 ft bgs (MW-2) to 9.92 ft bgs (MW-10). Table 2 provides a summary of these measurements. Hydraulic conductivity was calculated at the subject property at 4.2 ft/day.

2.2 Receptors

Utilities

The subject property is serviced by the following utilities: sanitary sewer, electric and telephone. There are no utilities buried in the area of the contaminant plume.

Potable Wells

Owner interview and WGNHS well records indicate the site potable well is constructed at a depth of approximately 43 feet below the ground surface and outfitted with 6-inch steel casing.

3.0 SUMMARY OF SITE INVESTIGATION ACTIVITIES

3.1 Site Investigation Field Activities

On December 7, 2011, Endeavor personnel oversaw the advancement of five Geoprobe soil borings (GP-1 thru GP-5) at the subject site by Geiss Soil & Samples, LLC of Merrill, Wisconsin. The boring/monitoring well configuration is depicted on Figure 2. Each boring was continuously sampled and field screened using a PID calibrated with a 100-ppm isobutylene standard. Based on field observations, a total of sixteen soil samples were preserved and submitted to Pace for laboratory analysis of GRO, VOCs or PVOCs plus naphthalene. Groundwater samples were collected via temporary monitoring well from borings GP-1 and GP-3 to aid in groundwater screening. The soil and groundwater sample laboratory analytical results are summarized in Table 1 and Table 2, respectively.

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On December 19, 2011, Endeavor personnel oversaw the installation of five Geoprobe soil borings (GP-10 thru GP-15) and four WAC, NR 141 groundwater monitoring wells (MW-1 thru MW-4) at the subject site by Geiss Soil & Samples, LLC of Merrill, Wisconsin. The boring/monitoring well configuration is depicted on Figure 2. Groundwater monitoring wells MW-1 thru MW-4 were each installed to a depth of 15 feet bgs with ten feet of well screen per WAC, NR 141 requirements. Each boring was continuously sampled and field screened using a PID calibrated with a 100-ppm isobutylene standard. Based on field observations, a total of ten soil samples were preserved and submitted to Pace for laboratory analysis of GRO and PVOCs plus naphthalene. The soil sample laboratory analytical results are also summarized in Table 1.

All WDNR Soil Boring, Borehole Abandonment and Well Construction Forms are provided in Appendix C.

On December 27, 2011, Endeavor personnel were on-site to collect groundwater samples from monitoring wells MW-1 thru MW-4 and potable well (301 S. Zachow St.). Depths to groundwater measurements were collected and each monitoring well was purged via bailer prior to sampling. Groundwater samples were appropriately preserved and submitted to Pace for laboratory analysis of VOCs. The groundwater sample laboratory analytical results are summarized in Table 2.

On January 12, 2012, Endeavor personnel were on-site to conduct hydraulic conductivity testing. A Bouwer and Rice hydraulic conductivity test was performed on monitoring wells MW-3 and MW-4. A copy of the Bouwer and Rice hydraulic conductivity test is provided in Appendix D.

On March 26, 2012, Endeavor personnel were on-site to collect groundwater samples from monitoring wells MW-1 thru MW-4. Depths to groundwater measurements were collected and each monitoring well was purged via bailer prior to sampling. Groundwater samples were appropriately preserved and submitted to Pace for laboratory analysis of PVOCs plus naphthalene. The groundwater sample laboratory analytical results are summarized in Table 2.

On April 17, 2012, Endeavor personnel oversaw the installation of one WAC, NR 141 ground water monitoring well (MW-10) at the subject site by Geiss Soil & Samples, LLC of Merrill, Wisconsin. Groundwater monitoring well MW-10 was installed to a depth of 15 feet bgs with ten feet of well screen per WAC, NR 141 requirements. Based on field observations, two soil samples were preserved and submitted to Pace for laboratory analysis of PVOCs plus naphthalene and GRO. The soil sample laboratory analytical results are summarized in Table 1.

On April 19, 2012, Endeavor personnel were on-site to collect a groundwater sample from monitoring well MW-10. Depth to groundwater measurements were collected from the well.

The monitoring well was purged via bailer prior to sampling. The groundwater sample was preserved and submitted to Pace for laboratory analysis of PVOCs plus naphthalene. The groundwater sample laboratory analytical results are summarized in Table 2.

On June 25, 2012, Endeavor personnel were on-site to collect groundwater samples from monitoring wells MW-1 thru MW-4 and MW-10 and potable well (301 S. Zachow Street). Depths to groundwater measurements were collected and each monitoring well was purged via bailer prior to sampling. Groundwater samples were appropriately preserved and submitted to Pace of Green Bay, Wisconsin for laboratory analysis of PVOCs plus naphthalene. The potable sample was submitted to Pace Analytical for laboratory analysis of VOC Drinking Water (EPA 524.2). The groundwater and drinking water sample laboratory analytical results are summarized in Table 2.

On August 27, 2012, Endeavor personnel were on-site to collect groundwater samples from monitoring wells MW-1 thru MW-4, MW-10, and potable well (301 S. Zachow Street). Depths to groundwater measurements were collected and each monitoring well was purged via bailer prior to sampling. Groundwater samples were appropriately preserved and submitted to Pace for laboratory analysis of PVOCs plus naphthalene. The groundwater sample laboratory analytical results are summarized in Table 2. Figure 5 illustrates the potentiometric surface derived from collected depth to groundwater measurements.

On February 25, 2014, Endeavor personnel were on-site to collect groundwater samples from monitoring wells MW-1, MW-3, MW-4, and potable well (301 S. Zachow Street). Depths to groundwater measurements were collected and each monitoring well was purged via bailer prior to sampling. Groundwater samples were appropriately preserved and submitted to Synergy for laboratory analysis of PVOCs plus naphthalene. The potable sample was submitted to Synergy for laboratory analysis of drinking water VOCs (EPA Method 524.2). The groundwater and drinking water sample laboratory analytical results are summarized in Table 2. Figure 6 illustrates the potentiometric surface derived from collected depth to groundwater measurements.

On May 15, 2014, Endeavor personnel were on-site to collect groundwater samples from monitoring wells MW-1, MW-4, and potable well (301 S. Zachow Street). Depths to groundwater measurements were collected and each monitoring well was purged via bailer prior to sampling. Groundwater samples were appropriately preserved and submitted to ALS Environmental of Holland, Michigan for laboratory analysis of PVOCs plus naphthalene. The groundwater sample laboratory analytical results are summarized in Table 2.

A copy of all soil and groundwater sample laboratory analytical reports associated with the aforementioned activities are provided in Appendix E.

3.2 Soil Contaminant Investigation

Site investigation soil sample laboratory analytical results have shown benzene, ethylbenzene, toluene, total xylenes, 1,2,4-TMB, 1,3,5-TMB, and naphthalene at levels exceeding their respective Calculated RCL. Table 3 summarizes the residual unsaturated soil contamination. The soil contaminant plume is located on the source property. All remaining analyzed constituents were reported at levels below their respective laboratory reporting limits or applicable regulatory standards. Figure 7 illustrates the lateral extent of petroleum soil contamination exceeding calculated RCLs. Figures 8 and 9 illustrate the vertical extent of petroleum soil contamination exceeding the calculated RCLs.

As these figures illustrate, the extent of petroleum soil contamination present at the site has been adequately defined. It extends from south of the house southeastward to the former UST basin and beneath the northeastern portion of the garage building.

3.3 Groundwater Contaminant Investigation

The site investigation activates included collecting groundwater samples from borings GP-1 and GP-3 via temporary monitoring wells on December 7, 2011, and the permanent monitoring wells associated with the site during the up to seven sampling events. On December 27, 2011, monitoring wells MW-1 thru MW-4 and the potable well (301 S. Zachow Street) were sampled. On March 26, 2012, monitoring wells MW-1 thru MW- 4 were sampled. On April 19, 2012, monitoring well MW-10 was sampled. On June 25, 2012, monitoring wells MW-1 thru MW-4 and MW-10 were sampled. On August 27, 2012, February 25, 2014, May 15, 2014, and September 30, 2014, the entire well network (MW-1 thru MW- 4, MW-10, and potable well (301 S. Zachow Street) were sampled.

Site investigation groundwater sample laboratory analytical results have reported benzene, ethylbenzene, toluene, total xylenes, total TMBs, and naphthalene concentrations exceeding WAC, NR 140 ESs or PALs. The permanent monitoring well reporting contaminant concentrations exceeding WAC, NR140 ESs or PALs was monitoring well MW-4 along with temporary monitoring wells at GP-1 and GP-3. Table 2 provides a complete summary of the groundwater sample laboratory analytical results. Figure 10 illustrates the extent of groundwater contamination exceeding WAC, NR 140 ESs.

As illustrated by Figure 10, the monitoring well network, along with Limited Geoprobe Investigation information, adequately defines the extent of dissolved petroleum groundwater contamination. The groundwater contaminant plume appears to be located entirely on the subject property. Groundwater contamination originates near the former UST basin extending radially from the northeast corner of the garage.

3.4 Free Product Assessment

Free product was not encountered during any of the investigative activities performed at the subject site.

3.5 Contaminant Migration

The on-site depth to groundwater ranges between 4.09 to 9.92 feet bgs. Soil sample laboratory analytical results have confirmed the presence of soil contamination within the unsaturated zone. Information obtained from the Village of Cecil Utilities and the property owner does not place any underground public utility corridors within the area of dissolved petroleum contamination. Therefore, site lateral corridors are not acting as preferential pathways for contaminant migration.

3.6 Vapor Intrusion Assessment

Endeavor evaluated the risk of vapor intrusion into the on-site building using the vapor intrusion assessment screening criteria provided in the WDNR's "Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin (RR-800)" guidance document. The guidance document provides several screening criteria that if met, can be used to make the determination that the risk of vapor intrusion at the site is minimal and no additional vapor intrusion assessment is necessary. These criteria are only applicable at sites where no petroleum odors have been detected inside of the building, which confirms the vapor intrusion pathway has been completed.

Endeavor reviewed and compared the hydrogeological information, soil and groundwater contaminant concentrations and interpreted extent of the soil and groundwater contaminant plume, to the provided screening criteria. This comparison illustrates that none of the screening criteria are present at the site; therefore, there is minimal risk of vapor intrusion into the existing building located at the subject property.

4.0 CONCLUSIONS

Site investigation activities outlined above have adequately defined the site soil and groundwater contaminant plumes associated with the site petroleum release. The site potable well has been adequately assessed to confirm no residual effect from the site dissolved petroleum contamination. The site petroleum contamination is located below the existing site pavement and garage structure and does not pose a direct contact threat. Assessment activities have not identified a concern for vapor intrusion to site buildings or contaminant migration along any known utility corridors.

Therefore, Endeavor recommends that a closure packet including soil & groundwater GIS & cap maintenance plan be prepared for the subject property.

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5.0 CONDITIONS

The opinions rendered in this correspondence are based upon the information collected during the above outlined activities and represents Endeavor's professional judgment regarding the status of the above-referenced site and, as such, are not a guarantee.

Endeavor's professional judgment is based upon generally accepted environmental practices and procedures designed to assess environmental liability with respect to current and customary standards of due care in the consulting industry at this time.

The services provided by Endeavor personnel during this project have been conducted in a manner consistent with the degree, care, and technical skill exercised by environmental consulting professionals currently practiced in this area under similar budget and time constraints. Beyond this, no warranty is implied or expressed. This letter does not constitute legal advice, nor does Endeavor purport to provide legal advice.

If you have any questions regarding this submittal, please feel free to contact me at (920) 437-2997 at your convenience.

Sincerely,

Joseph M. Ramcheck, P.H.
Senior Hydrologist/Senior Project Manager

I, Joseph M. Ramcheck, hereby certify that I am a hydrologist as that term is defined in Section 470.04(3) Wisconsin Statutes, and that, to the best of my knowledge, all of the information contained in this document is correct and that the document was prepared in compliance with all applicable requirements in chapters NR700 to NR726, Wisconsin Administrative Code.

cc: Mr. Steven Bartz, Responsible Party
File

Figure 1 Site Location

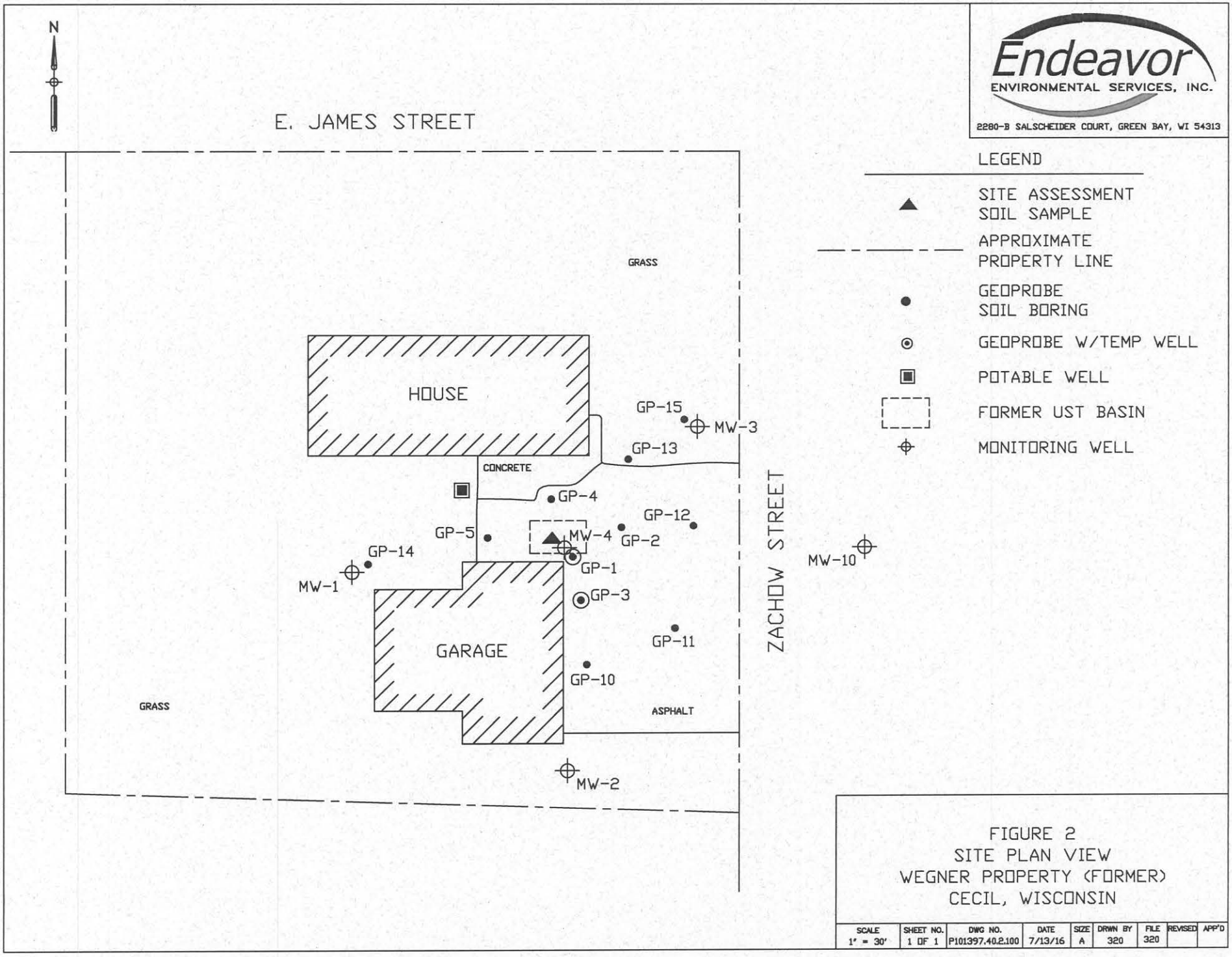
Legend

- County Boundaries
- Local Roads
- 24K Open Water
- DNR Managed Lands
- Fee

0 2400 4800 7200 ft.

Scale: 1:24,444

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.



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2280-B SALSCHEIDER COURT, GREEN BAY, WI 54313

FIGURE 2
SITE PLAN VIEW
WEGNER PROPERTY (FORMER)
CECIL, WISCONSIN

SCALE	SHEET NO.	DWG NO.	DATE	SIZE	DRWN BY	FILE	REVISED	APP'D
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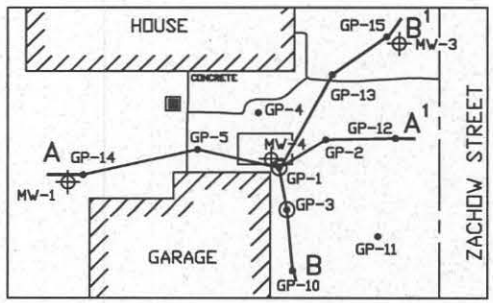

SECTION DETAIL

LEGEND

- GRAVEL
- SILTY SAND
- SANDY LOAM
- ASPHALT
- LOAMY CLAY
- TOP SOIL
- MEDIUM SAND
- LOAMY SILT
- WELL SCREEN

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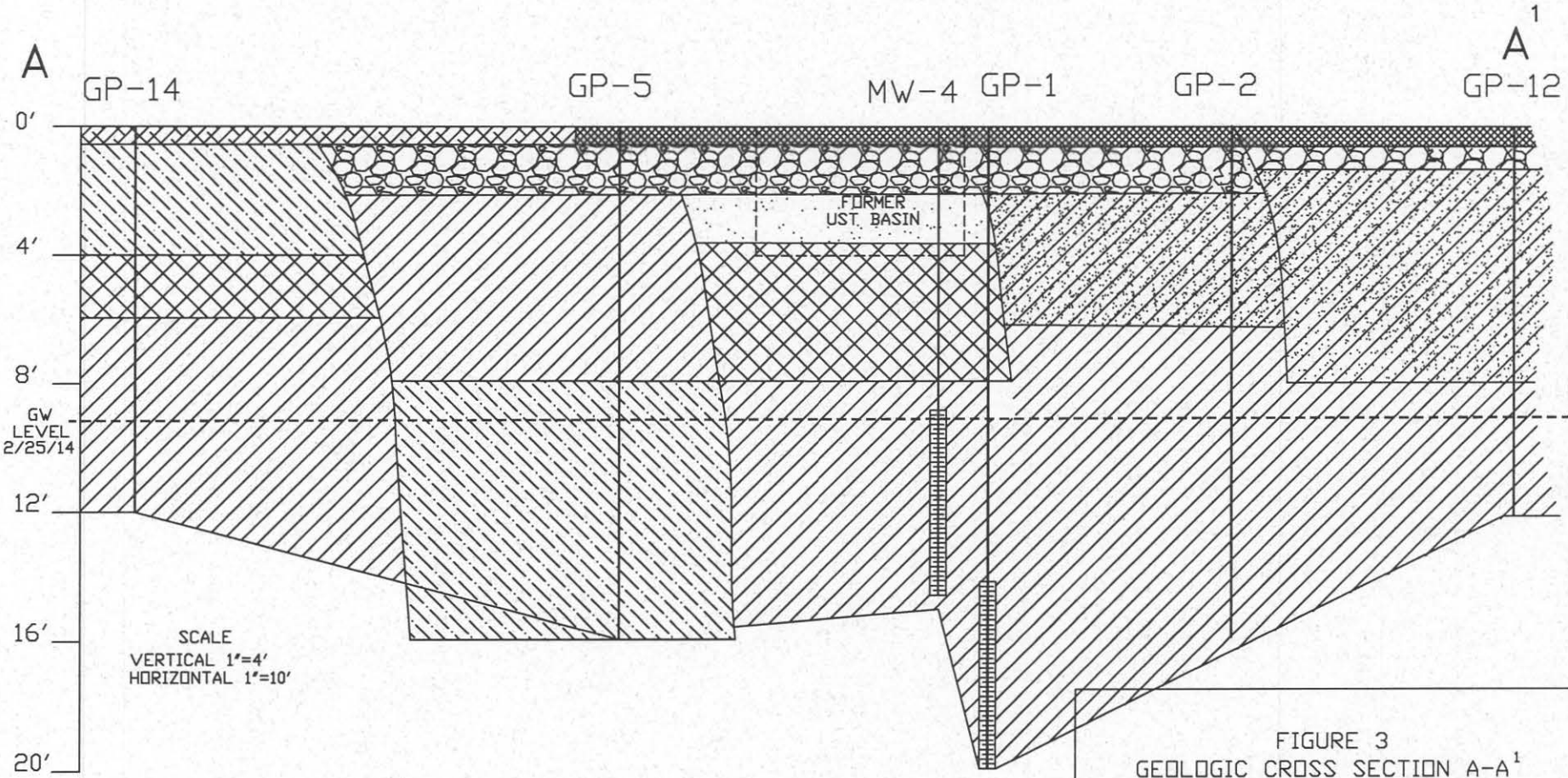

FIGURE 3
GEOLOGIC CROSS SECTION A-A^1
WEGNER PROPERTY (FORMER)
CECIL, WISCONSIN

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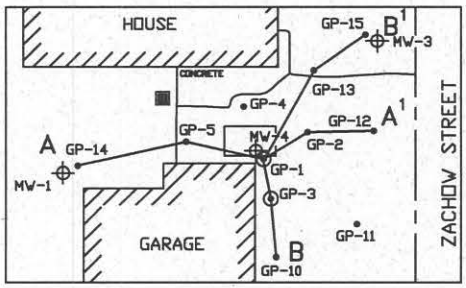

SECTION DETAIL

LEGEND

- GRAVEL
- TOP SOIL
- SANDY LOAM
- ASPHALT
- LOAMY CLAY
- MEDIUM SAND
- LOAMY SILT
- WELL SCREEN

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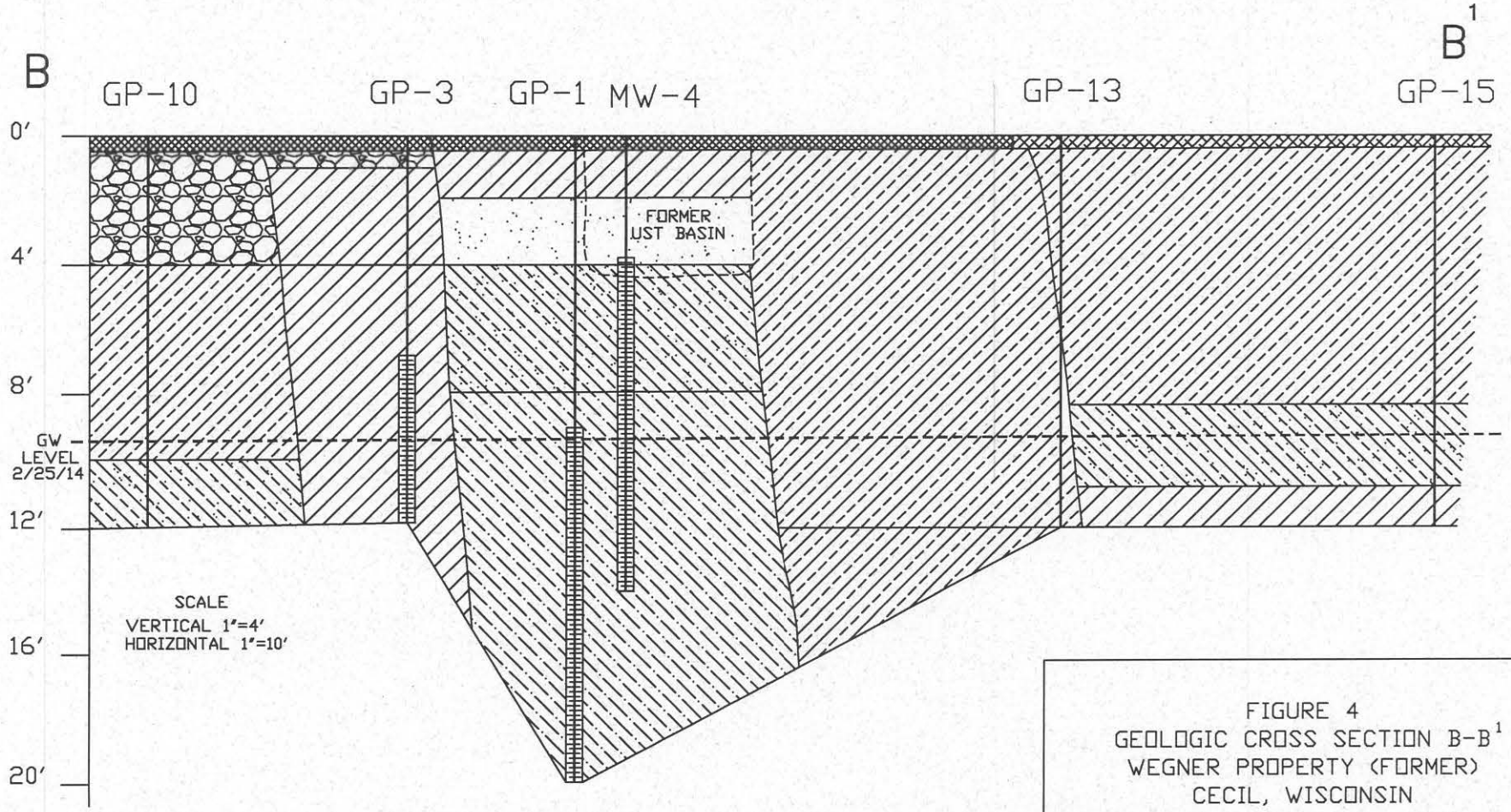

FIGURE 4
GEOLOGIC CROSS SECTION B-B^1
WEGNER PROPERTY (FORMER)
CECIL, WISCONSIN

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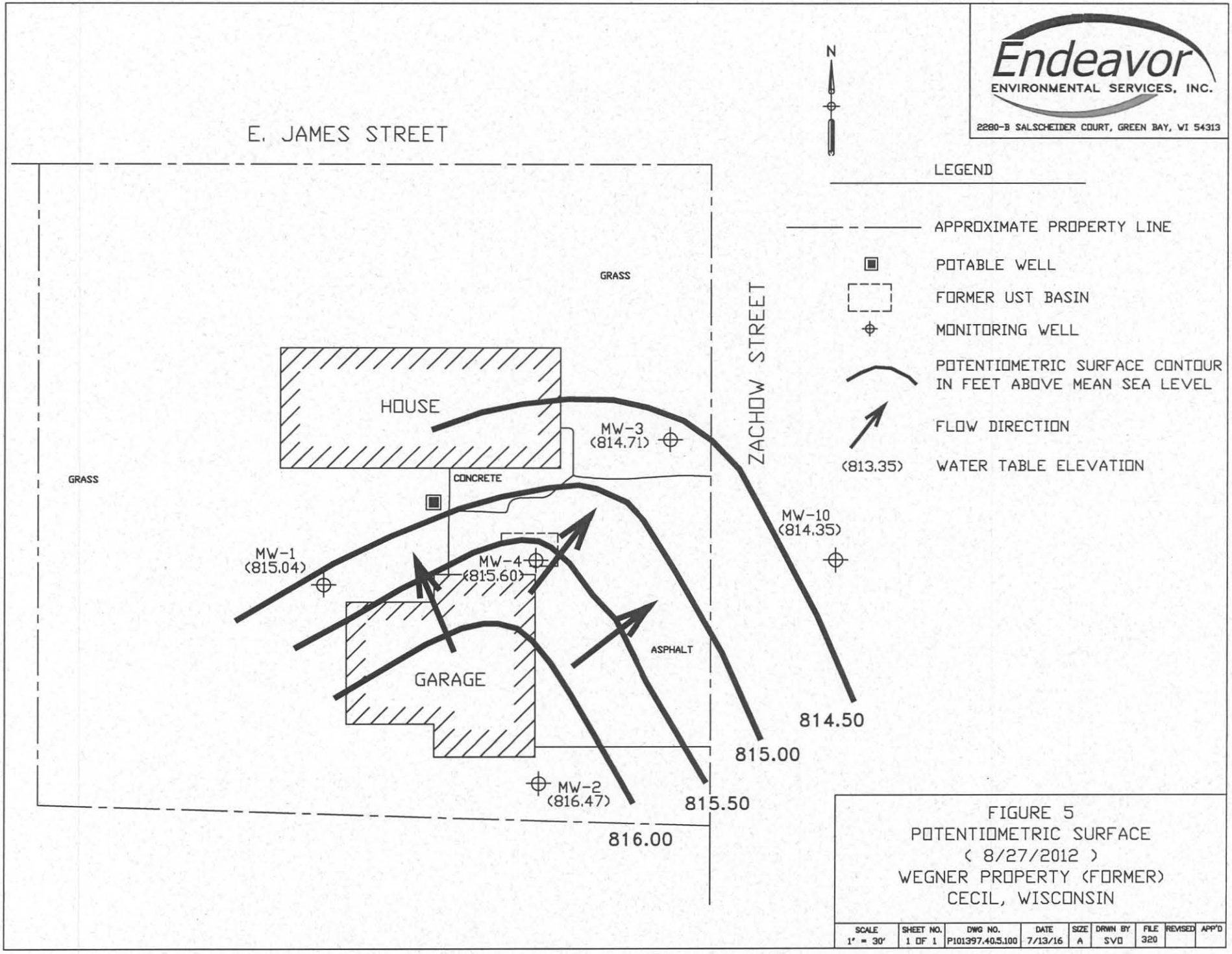

FIGURE 5
POTENTIOMETRIC SURFACE
(8/27/2012)
WEGNER PROPERTY (FORMER)
CECIL, WISCONSIN

SCALE	SHEET NO.	DWG NO.	DATE	SIZE	DRWN BY	FILE	REVISED	APP'D
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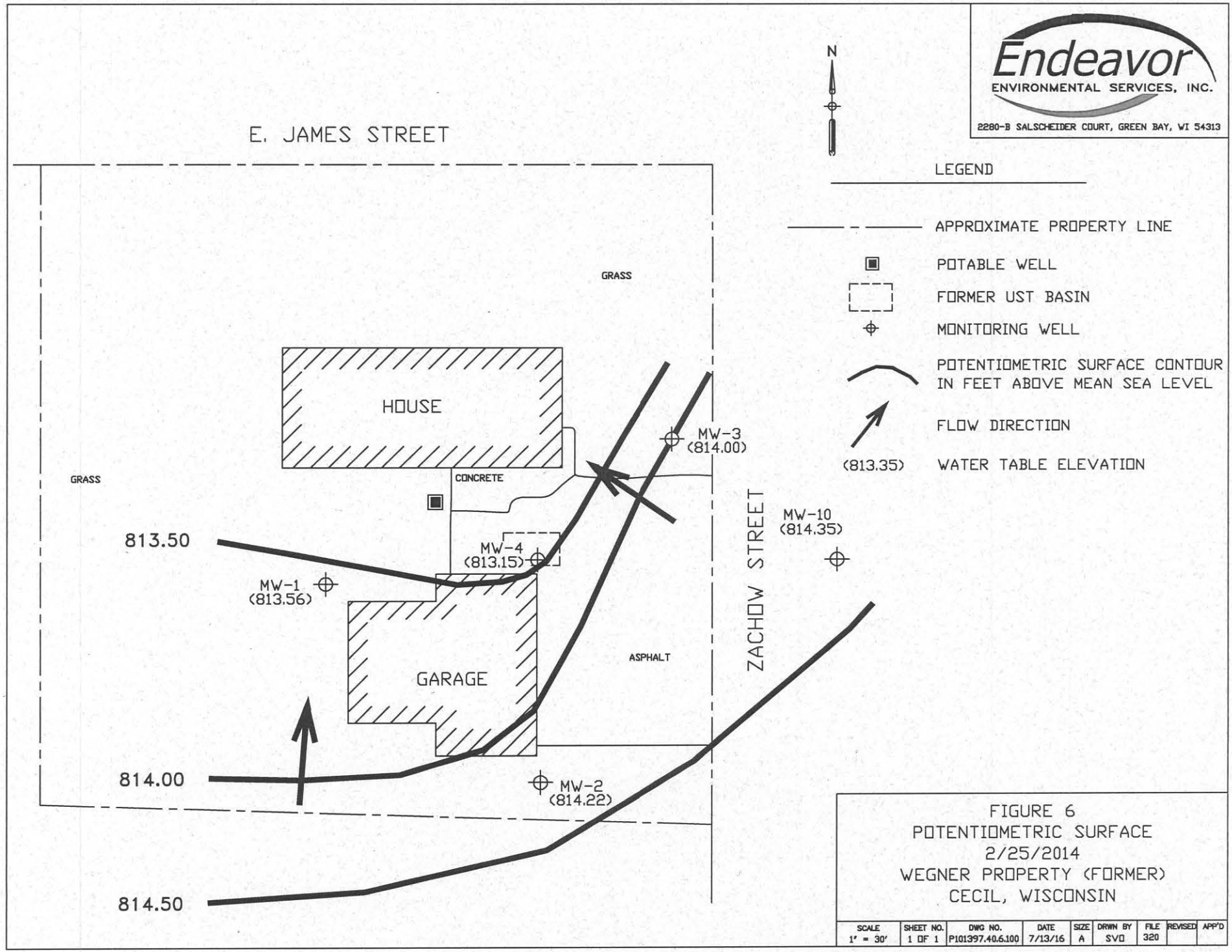

FIGURE 6
POTENTIOMETRIC SURFACE
2/25/2014
WEGNER PROPERTY (FORMER)
CECIL, WISCONSIN

SCALE	SHEET NO.	DWG NO.	DATE	SIZE	DRWN BY	FILE	REVISED	APP'D
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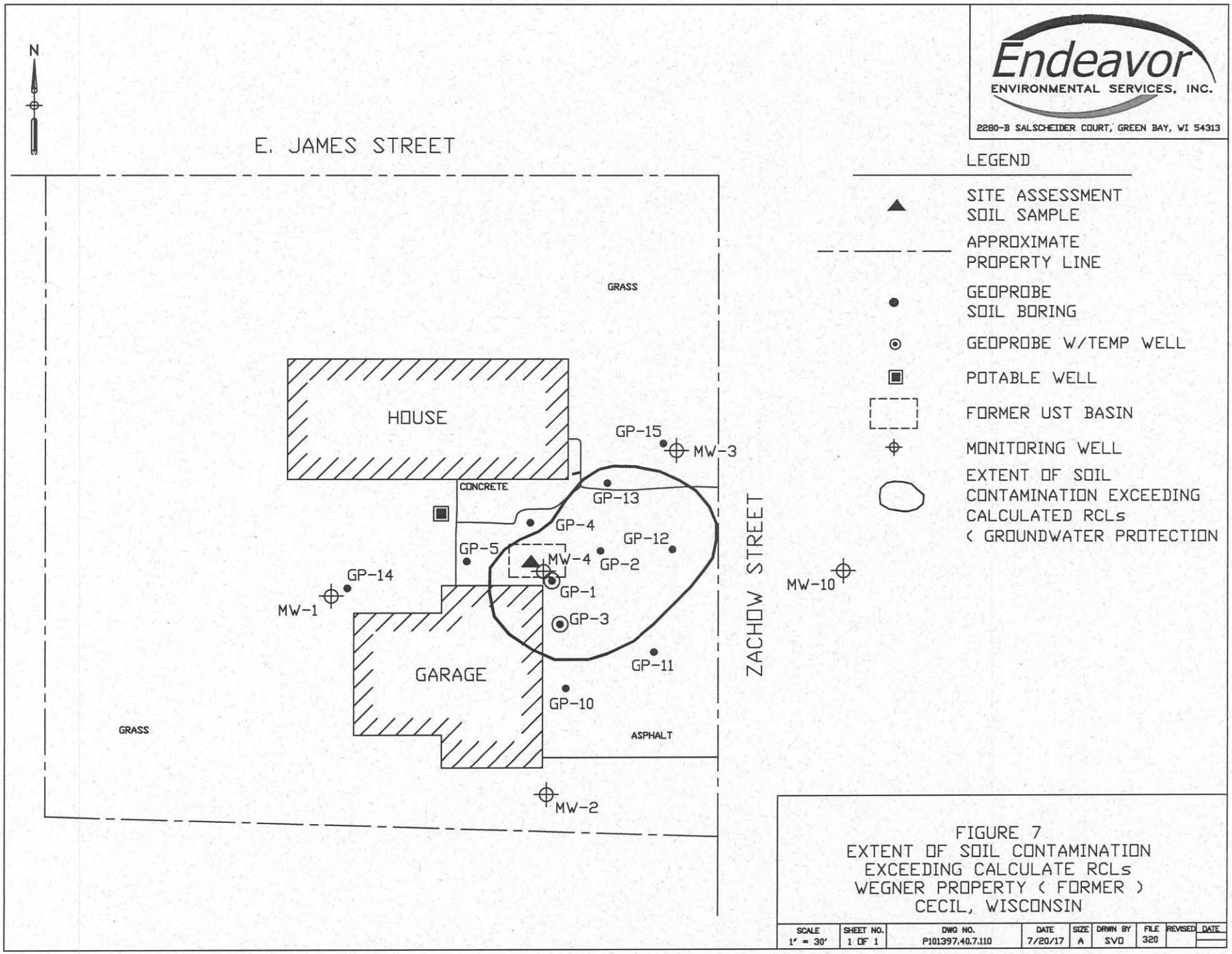
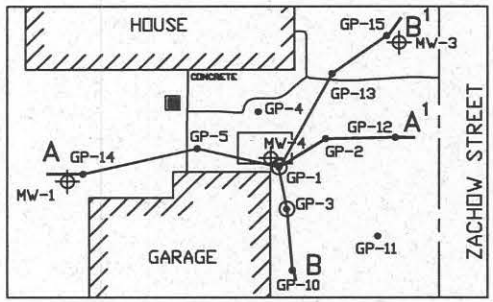


FIGURE 7
EXTENT OF SOIL CONTAMINATION
EXCEEDING CALCULATE RCLs
WEGNER PROPERTY (FORMER)
CECIL, WISCONSIN

SCALE	SHEET NO.	DWG NO.	DATE	SIZE	DRWN BY	FILE	REVISED	DATE
1" = 30'	1 OF 1	P101397.40.7.110	7/20/17	A	SVO	320		



SECTION DETAIL

LEGEND

- GRAVEL
- SILTY SAND
- SANDY LOAM
- ASPHALT
- LOAMY CLAY
- TOP SOIL
- MEDIUM SAND
- LOAMY SILT
- EXTENT OF SOIL CONTAMINATION EXCEEDING RCLs
- WELL SCREEN

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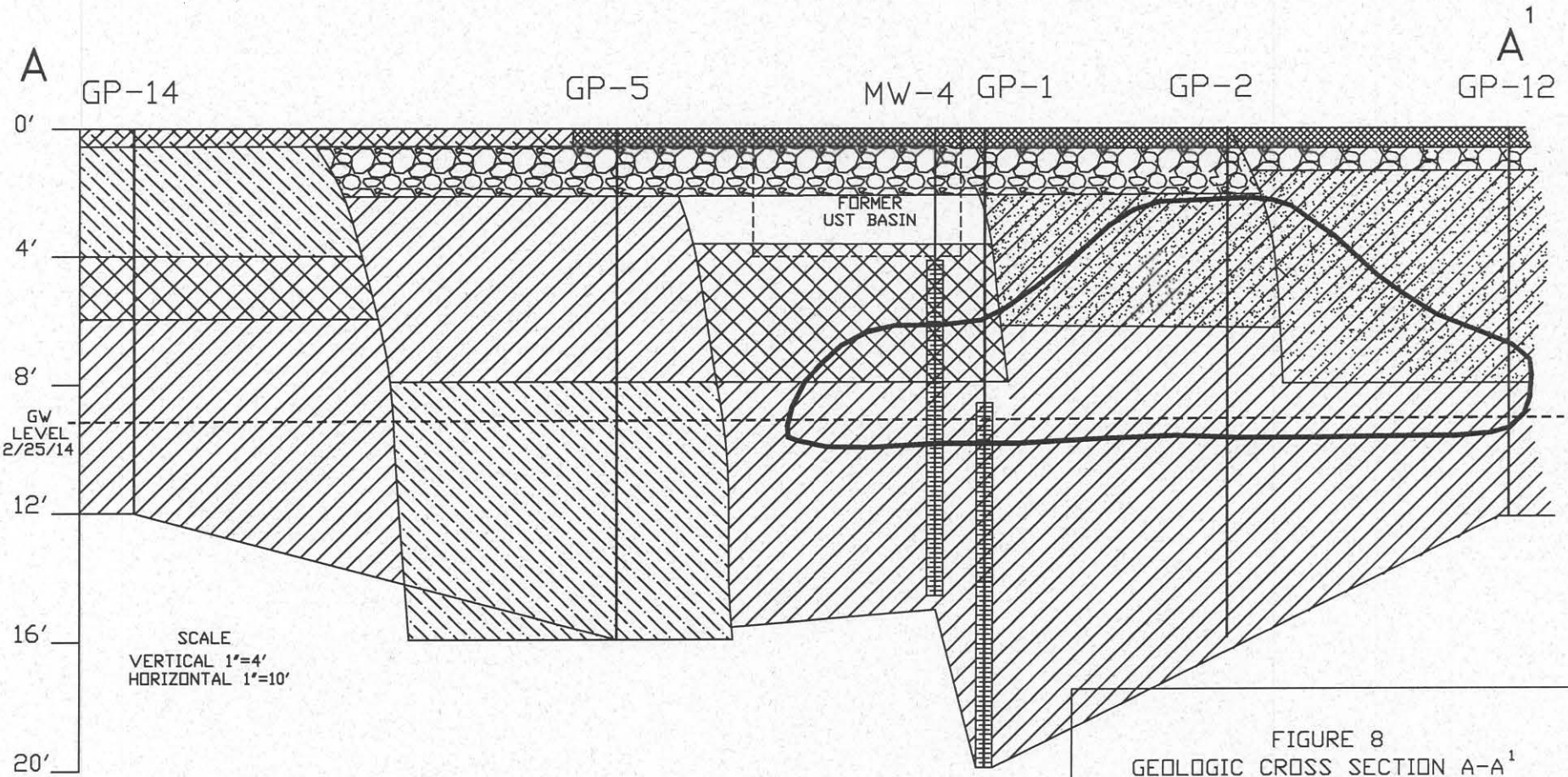
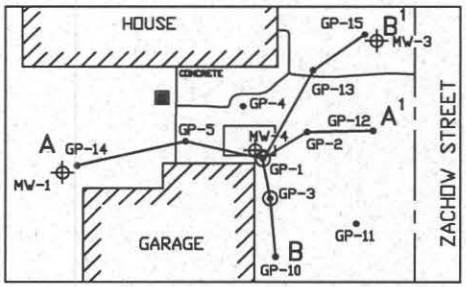


FIGURE 8
GEOLOGIC CROSS SECTION A-A^1
WEGNER PROPERTY (FORMER)
CECIL, WISCONSIN

SCALE	SHEET NO.	DWG NO.	DATE	SIZE	DRWN BY	FILE	REVISED	DATE
SEE NOTE	1 OF 1	P101397.40.8.110	7/20/17	A	SVO	320		



SECTION DETAIL

LEGEND

- GRAVEL
- TOP SOIL
- SANDY LOAM
- ASPHALT
- LOAMY CLAY
- MEDIUM SAND
- LOAMY SILT
- EXTENT OF SOIL CONTAMINATION EXCEEDING RCLs
- WELL SCREEN

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2280-B SALSCHEIDER COURT, GREEN BAY, WI 54313

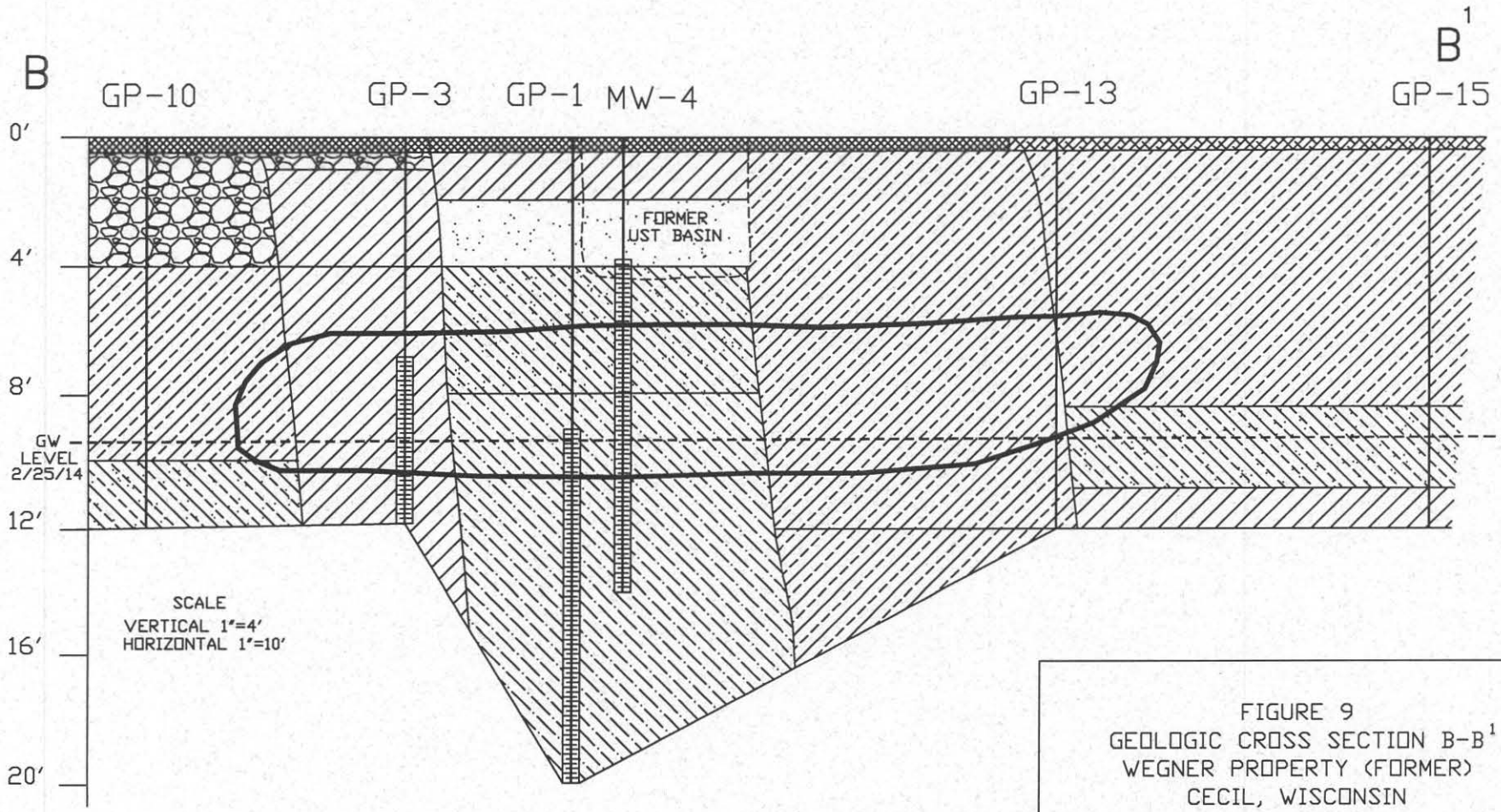
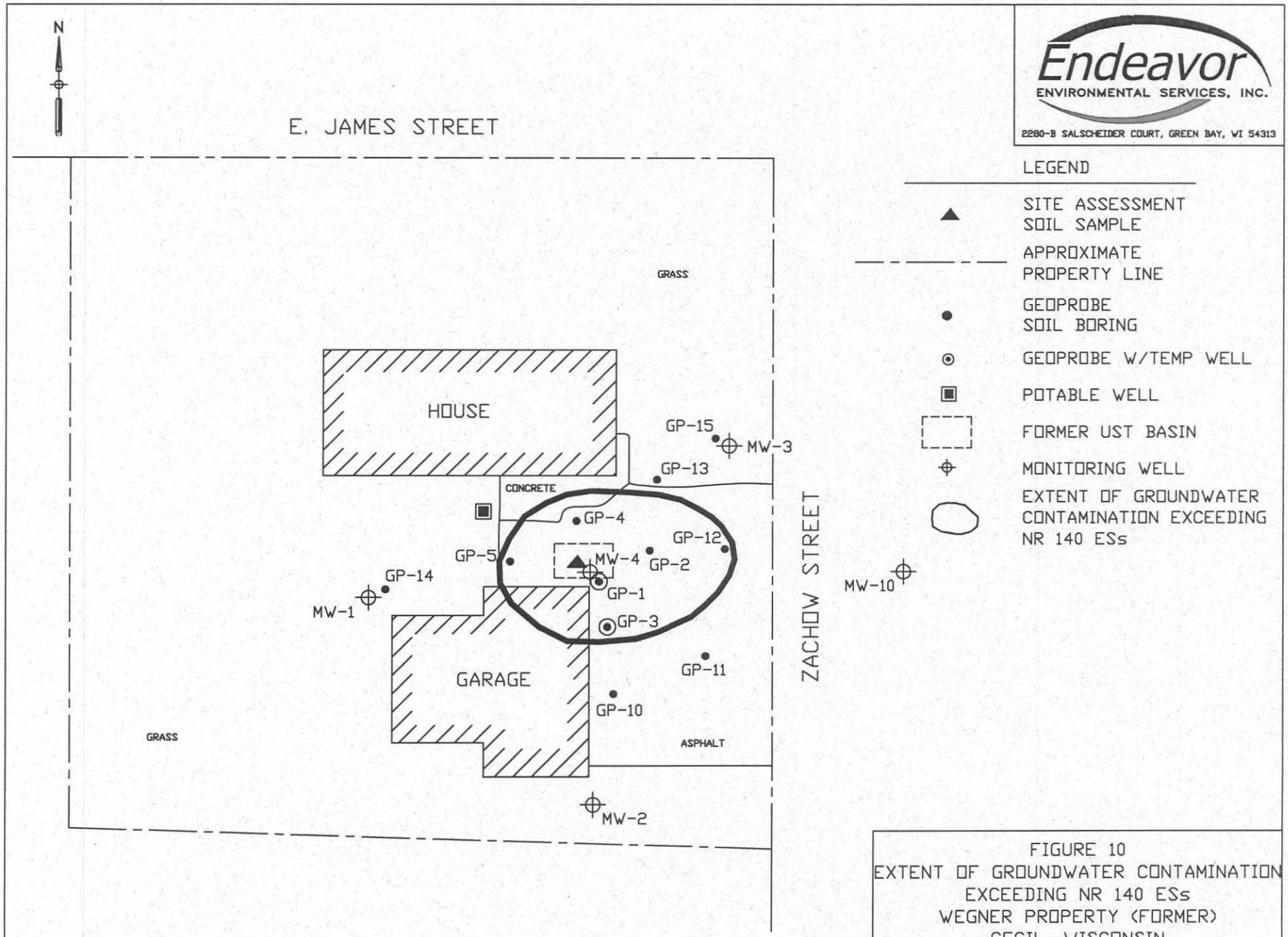


FIGURE 9
GEOLOGIC CROSS SECTION B-B1
WEGNER PROPERTY (FORMER)
CECIL, WISCONSIN

SCALE	SHEET NO.	DWG NO.	DATE	SIZE	DRWN BY	FILE	REVISED	DATE
SEE NOTE	1 OF 1	P101397.40.9.110	7/20/17	A	SVD	320		



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2280-B SALSCHEIDER COURT, GREEN BAY, WI 54313

FIGURE 10
EXTENT OF GROUNDWATER CONTAMINATION
EXCEEDING NR 140 ESs
WEGNER PROPERTY (FORMER)
CECIL, WISCONSIN

SCALE	SHEET NO.	DWG NO.	DATE	SIZE	DRWN BY	FILE	REVISED	APP'D
1" = 30'	1 OF 1	P101397.40.10.100	7/13/16	A	320	320		

Table 1
Soil Sample Laboratory Analytical Results
Wegner Property (Former)
Cecil, Wisconsin

Sample ID	Sample Date	Sample Depth (feet bgs)	PID (ppm eq)	S / US	GRO	Benzene	Ethyl-benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naphthalene	Isopropyl-benzene	n-Propyl-benzene
S1 (West)	4/6/2000	8.0	NA	US	1,350	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-1, S-2	12/7/2011	2.0 - 4.0	86	US	NA	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	NA	NA	NA
GP-1, S-4	12/7/2011	6.0 - 8.0	1,500	US	1,090	<1,000	**49,700**	<1,000	**244,800**	**93,500**	**30,400**	<1,000	**10,200**	3,570	13,400
GP-1, S-8	12/7/2011	14.0 - 16.0	115	S	5.3	**3,950**	269	198	393.1	<25.0	<25.0	<25.0	<25.0	NA	NA
GP-2, S-2	12/7/2011	2.0 - 4.0	NA	US	38.5	**31.0**[J]	642	<25.0	2,674	**4,560**	**1,630**	<25.0	**1,330**	NA	NA
GP-2, S-4	12/7/2011	6.0 - 8.0	941	US	327	**2,460**	**11,000**	**24,900**	**61,000**	**18,000**	**6,900**	<125	**2,330**	NA	NA
GP-2, S-8	12/7/2011	14.0 - 16.0	51	S	5.0	**4,090**	79.8	226	154.2[J]	<25.0	<25.0	<25.0	<25.0	NA	NA
GP-3, S-2	12/7/2011	2.0 - 4.0	NA	US	NA	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	NA	NA	NA
GP-3, S-4	12/7/2011	6.0 - 8.0	246	US	445	<125	**8,310**	279[J]	**26,920**	**33,200**	**14,800**	<125	***5,240***	NA	NA
GP-3, S-5	12/7/2011	8.0 - 10.0	980	US	283	<100	**6,150**	193[J]	**18,625**	**19,300**	**8,090**	<100	**2,940**	NA	NA
GP-3, S-6	12/7/2011	10.0 - 12.0	103	S	7.2	<25.0	990	59.4[J]	1,130	503	394	<25.0	418	NA	NA
GP-4, S-2	12/7/2011	2.0 - 4.0	NA	US	<3.1	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	NA	NA
GP-4, S-4	12/7/2011	6.0 - 8.0	9.2	US	<2.9	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	NA	NA
GP-4, S-6	12/7/2011	10.0 - 12.0	974	S	378	**1,190**	**7,840**	717	**33,810**	**19,000**	**7,850**	**314**[J]	**1,980**	NA	NA
GP-5, S-2	12/7/2011	2.0 - 4.0	11	US	NA	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	NA	NA	NA
GP-5, S-6	12/7/2011	10.0 - 12.0	25	S	9.5	<25.0	547	<25.0	186	176	365	<25.0	157	36.5[J]	165
GP-5, S-8	12/7/2011	14.0 - 16.0	134	S	<3.0	**172**	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	35.4[J]	NA	NA
GP-10, S-4	12/19/2011	6.0 - 8.0	NA	US	<2.9	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	NA	NA
GP-10, S-5	12/19/2011	8.0 - 10.0	NA	S	<2.9	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	NA	NA
GP-11, S-4	12/19/2011	6.0 - 8.0	NA	US	<2.8	<25.0	<25.0	<25.0	<75.0	50.4[J]	<25.0	<25.0	<25.0	NA	NA
GP-11, S-5	12/19/2011	8.0 - 10.0	NA	S	<2.8	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	NA	NA
GP-12, S-4	12/19/2011	6.0 - 8.0	NA	US	939	<312	**16,300**	375[J]	**132,900**	**75,100**	**30,500**	<312	**9,260**	NA	NA
GP-12, S-5	12/19/2011	8.0 - 10.0	NA	S	365	**4,350**	**10,200**	**12,700**	**61,400**	**19,000**	**7,380**	<125	**2,590**	NA	NA
GP-13, S-4	12/19/2011	6.0 - 8.0	NA	US	170	**364**	6,020	<62.5	**27,090**	**11,300**	**4,410**	<62.5	**1,670**	NA	NA
GP-14, S-5	12/19/2011	8.0 - 10.0	NA	S	<2.8	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	NA	NA
GP-15, S-4	12/19/2011	6.0 - 8.0	NA	US	<2.8	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	NA	NA
GP-15, S-5	12/19/2011	8.0 - 10.0	NA	US	<2.8	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	NA	NA
MW-10/S-3	4/17/2012	5.0 - 7.0	0.0	US	<2.8	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	NA	NA
MW-10/S-4	4/17/2012	7.0 - 9.0	0.0	US	<2.8	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	NA	NA
Calculated RCLs (groundwater protection)					NS	5.1	1,570	1,107.2	3,940	1,382.1		27	658.2	NS	NS
Calculated RCLs (direct contact/non-industrial site)					NS	1,600	8,020	818,000	260,000	219,000	182,000	63,800	5,520	NS	264,000
Cancer RCL					NS	1,600	8,020	NS	NS	NS	NS	63,800	5,520	NS	NS
Non Cancer RCL					NS	106,000	4,080,000	5,240,000	818,000	373,000	339,000	22,100,000	178,000	NS	4,490,000

Notes:
All concentrations reported are in parts per billion (ug/kg) except GRO reported in parts per million (mg/kg)
All analytes not listed above were below their respective laboratory method detection limits
Calculated RCLs are from the WDNR on-line RCL spreadsheet updated March 2017
(J) Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
Bold value represents an exceedance of Calculated RCLs

bgs: below ground surface
PID: photoionization detector
ppm eq: parts per million equivalent
GRO: gasoline range organics
TMB: trimethylbenzene
S: Saturated
MTBE: methyl tert-butyl ether
RCL: residual contaminant level
NA: not analyzed/not applicable
NS: no standard
US: Unsaturated

Table 2
Groundwater Sample Laboratory Analytical Results
Wegner Property (Former)
Cecil, Wisconsin

Sample ID	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total TMBs	MTBE	Naphthalene	Methylene Chloride	Isopropylbenzene	n-Propylbenzene	1,2-Dichloroethane	Carbon Disulfide	Depth to Groundwater (Ft btoc)	Groundwater Elevation
GP-1														
12/7/2011	**7,770**	**1,530**	**5,440**	**8,060**	**1,358**	<152	<222	**335**	<148	<202	<90.0	NA	NM	NA
GP-3														
12/7/2011	<20.5	**2,720**	*161*	**8,454**	**4,000**	<30.5	**467**	<21.5	103	428	<18.0	NA	NM	NA
MW-1														
12/27/2011	<0.41	<0.54	<0.67	<2.63	<1.80	<0.61	<0.89	<0.43	<0.59	<0.81	*3.7*	NA	6.99	814.34
3/26/2012	<0.39	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	4.20	817.13
6/25/2012	*0.50* [J]	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	6.00	815.33
8/27/2012	<0.39	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	6.29	815.04
2/25/2014	<0.27	<0.82	<0.8	<2.41	<1.69	<0.37	<1.2	NA	NA	NA	NA	NA	7.77	813.56
5/15/2014	<0.16	<0.26	<0.23	<0.66	<0.31	<0.18	<0.22	NA	NA	NA	NA	NA	2.05	819.28
9/30/2014	<0.16	<0.26	<0.23	<0.66	<0.31	<0.18	<0.22	NA	NA	NA	NA	NA	4.91	816.42
MW-2														
12/27/2011	<0.41	<0.54	<0.67	<2.63	<1.80	<0.61	<0.89	<0.43	<0.59	<0.81	<0.36	NA	6.38	816.22
3/26/2012	<0.39	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	4.09	818.51
6/25/2012	<0.39	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	5.70	816.90
8/27/2012	<0.39	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	6.13	816.47
2/25/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.38	814.22
5/15/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.43	821.17
9/30/2014	<0.16	<0.26	<0.23	<0.66	<0.31	<0.18	<0.22	NA	NA	NA	NA	NA	4.60	818.00
MW-3														
12/27/2011	<0.41	<0.54	<0.67	<2.63	<1.80	<0.61	<0.89	<0.43	<0.59	<0.81	**21.3**	NA	7.28	816.12
3/26/2012	<0.39	<0.41	<0.42	<1.25	0.54 [J]	<0.38	<0.40	NA	NA	NA	NA	NA	6.06	817.34
6/25/2012	<0.39	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	7.38	816.02
8/27/2012	<0.39	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	8.69	814.71
2/25/2014	<0.27	<0.82	<0.8	<2.41	<1.69	<0.37	<1.2	NA	NA	NA	NA	NA	9.40	814.00
5/15/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.11	821.29
9/30/2014	<0.16	<0.26	<0.23	<0.66	<0.31	<0.18	<0.22	NA	NA	NA	NA	NA	5.87	817.53
MW-4														
12/27/2011	**7,400**	**1,480**	**3,950**	**7,770**	**1,069**	<30.5	**106** [J]	<21.5	<29.5	66.6	<18.0	NA	6.66	816.24
3/26/2012	**5,230**	**1,650**	**1,790**	**6,780**	**1,259**	<19.0	**158**	NA	NA	NA	NA	NA	5.18	817.72
6/25/2012	**1,050**	**4,400**	*365*	**13,661**	**3,153**	<19.0	**543**	NA	NA	NA	NA	NA	6.02	816.88
8/27/2012	**1,590**	**2,910**	**858**	**4,813**	**2,101**	<19.0	**394**	NA	NA	NA	NA	NA	7.30	815.60
2/25/2014	**1,290**	**1,930**	133	**6,100**	**1,730**	<3.7	**307**	NA	NA	NA	NA	NA	9.45	813.45
5/15/2014	**1,300**	**1,100**	*230*	**4,400**	**1,760**	8.1	**190**	NA	NA	NA	NA	NA	2.07	820.83
9/30/2014	**440**	**970**	29 [J]	**2,500**	**1,410**	9.2 [J]	**260**	NA	NA	NA	NA	NA	4.80	818.10
MW-10														
4/19/2012	<0.39	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	7.13	817.03
6/25/2012	<0.39	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	8.13	816.03
8/27/2012	<0.39	<0.41	<0.42	<1.25	<0.83	<0.38	<0.40	NA	NA	NA	NA	NA	9.92	814.24
2/25/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.81	814.35
5/15/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.54	821.62
9/30/2014	<0.16	<0.26	<0.23	<0.66	<0.31	<0.18	<0.22	NA	NA	NA	NA	NA	6.53	817.63
301 Zachow St														
12/27/2011	<0.41	<0.54	<0.67	<2.63	<1.80	<0.61	<0.89	<0.43	<0.59	<0.81	<0.36	NA	NM	NA
8/27/2012	0.42 [J]	<0.078	0.17 [J]	<0.27	<0.136	<0.048	<0.11	<2.0	<0.11	<0.069	<0.053	0.15 [J]	NM	NA
2/25/2014	<0.24	<0.27	<0.24	<0.94	<0.57	<0.26	<0.49	<0.35	<0.3	NA	<0.41	NA	NM	NA
5/15/2014	<0.16	<0.26	<0.23	<0.66	<0.31	<0.18	<0.22	NA	NA	NA	NA	NA	NM	NA
9/30/2014	<0.16	<0.26	<0.23	<0.66	<0.31	<0.18	<0.22	NA	NA	NA	NA	NA	NM	NA
NR 140 ES	5	700	800	2,000	480	60	100	5	NS	NS	5	1,000	NS	NS
NR 140 PAL	0.5	140	160	400	96	12	10	0.5	NS	NS	0.5	200	NS	NS

Notes:

All concentrations reported are in parts per billion (ug/L)
All analytes not listed above were below their respective laboratory method detection limits
[J] Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
Bold value represents exceedance of NR 140 enforcement standard
Italic value represents exceedance of NR 140 preventive action limit

TMB:	trimethylbenzene	ES:	enforcement standard
MTBE:	methyl tert-butyl ether	PAL:	preventive action limit
NA:	not analyzed/not applicable	NS:	no standard
Ft btoc:	feet below top of casing	NM:	not measured

Table 3
Soil Sample Laboratory Analytical Results
Wegner Property (Former)
Cecil, Wisconsin

Sample ID	Sample Date	Sample Depth (feet bgs)	PID (ppm eq)	S / US	GRO	Benzene	Ethyl-benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naphthalene	Isopropyl-benzene	n-Propyl-benzene
GP-1, S-4	12/7/2011	6.0 - 8.0	1,500	US	1,090	<1,000	**49,700**	<1,000	**244,800**	**93,500**	**30,400**	<1,000	**10,200**	3,570	13,400
GP-2, S-2	12/7/2011	2.0 - 4.0	NA	US	38.5	**31.0**[J]	642	<25.0	2,674	**4,560**	**1,630**	<25.0	**1,330**	NA	NA
GP-2, S-4	12/7/2011	6.0 - 8.0	941	US	327	**2,460**	**11,000**	**24,900**	**61,000**	**18,000**	**6,900**	<125	**2,330**	NA	NA
GP-3, S-4	12/7/2011	6.0 - 8.0	246	US	445	<125	**8,310**	279[J]	**26,920**	**33,200**	**14,800**	<125	**5,240**	NA	NA
GP-3, S-5	12/7/2011	8.0 - 10.0	980	US	283	<100	**6,150**	193[J]	**18,625**	**19,300**	**8,090**	<100	**2,940**	NA	NA
GP-12, S-4	12/19/2011	6.0 - 8.0	NA	US	939	<312	**16,300**	375[J]	**132,900**	**75,100**	**30,500**	<312	**9,260**	NA	NA
GP-13, S-4	12/19/2011	6.0 - 8.0	NA	US	170	**364**	6,020	<62.5	**27,090**	**11,300**	**4,410**	<62.5	**1,670**	NA	NA
Calculated RCLs (groundwater protection)					NS	5.1	1,570	1,107.2	3,940	1,382.1		27	658.2	NS	NS
Calculated RCLs (direct contact/non-industrial site)					NS	1,490	7,470	818,000	258,000	89,800	182,000	59,400	5,150	268,000	264,000
Cancer RCL					NS	1,600	8,020	NS	NS	NS	NS	63,800	5,520	NS	NS
Non Cancer RCL					NS	106,000	4,080,000	5,240,000	818,000	373,000	339,000	22,100,000	178,000	NS	4,490,000

Notes: All concentrations reported are in parts per billion (ug/kg) except GRO reported in parts per million (mg/kg)
All analytes not listed above were below their respective laboratory method detection limits
Calculated RCLs are from the WDNR on-line RCL spreadsheet updated March 2017
[J] Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
Bold value represents an exceedance of Calculated RCLs

bgs: below ground surface
PID: photoionization detector
ppm eq: parts per million equivalent
GRO: gasoline range organics
TMB: trimethylbenzene
MTBE: methyl tert-butyl ether
RCL: residual contaminant level
NA: not analyzed/not applicable
NS: no standard

Endeavor
ENVIRONMENTAL SERVICES, INC.

APPENDIX A

Property Deed

VOL. 942 PAGE 986

532737

Warranty Deed

REGISTERS OFFICE
SHAWANO COUNTY,WI SS
Received for Record this 2nd
day of June A.D. 2000 at 3:35
o'clock P M. AND Recorded In Vol. 942
of Records Pages 986
Maura Rensing Register
REGISTERS OFFICE

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS

This Deed, made between Troy W. Wegner and Anita L. Wegner f/k/a Anita L. Letter, husband and wife as tenants in common each with an undivided one-half interest, Grantor(s)
and Steven M. Bartz , Grantee(s),

WITNESSETH, That the said Grantor(s), for a valuable

consideration conveys to Grantee(s) the following described real estate in Shawano County, State of Wisconsin:

Lots 1, 2 and 3 In Block 3 of Freeborn's Second Addition to the Village of Cecil, Shawano County, Wisconsin, according to the recorded plat thereof.

111-50100-0290
PARCEL IDENTIFICATION NUMBER

TRANSFER
$ 186.00
FEE

SHAWANO ABSTRACT TITLE 10.00 13.00 ins

This is (is not) homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And above named grantors warrant that the title is good, indefeasible in fee simple and free and clear of encumbrances except any easements, restrictions and reservations of record, municipal and zoning ordinances, and will warrant and defend same.

Dated: 20 day of April, 2000.

_____ (SEAL)

* Troy W. Wegner (SEAL)
Troy W. Wegner

_____ (SEAL)

* Anita L. Wegner (SEAL)
Anita L. Wegner f/k/a Anita L. Letter

AUTHENTICATION

Signature(s) authenticated:

_____

TITLE: MEMBER STATE BAR OF WISCONSIN

THIS INSTRUMENT WAS DRAFTED BY:

ACKNOWLEDGMENT

State of Wisconsin,)
) SS.
Shawano County.)

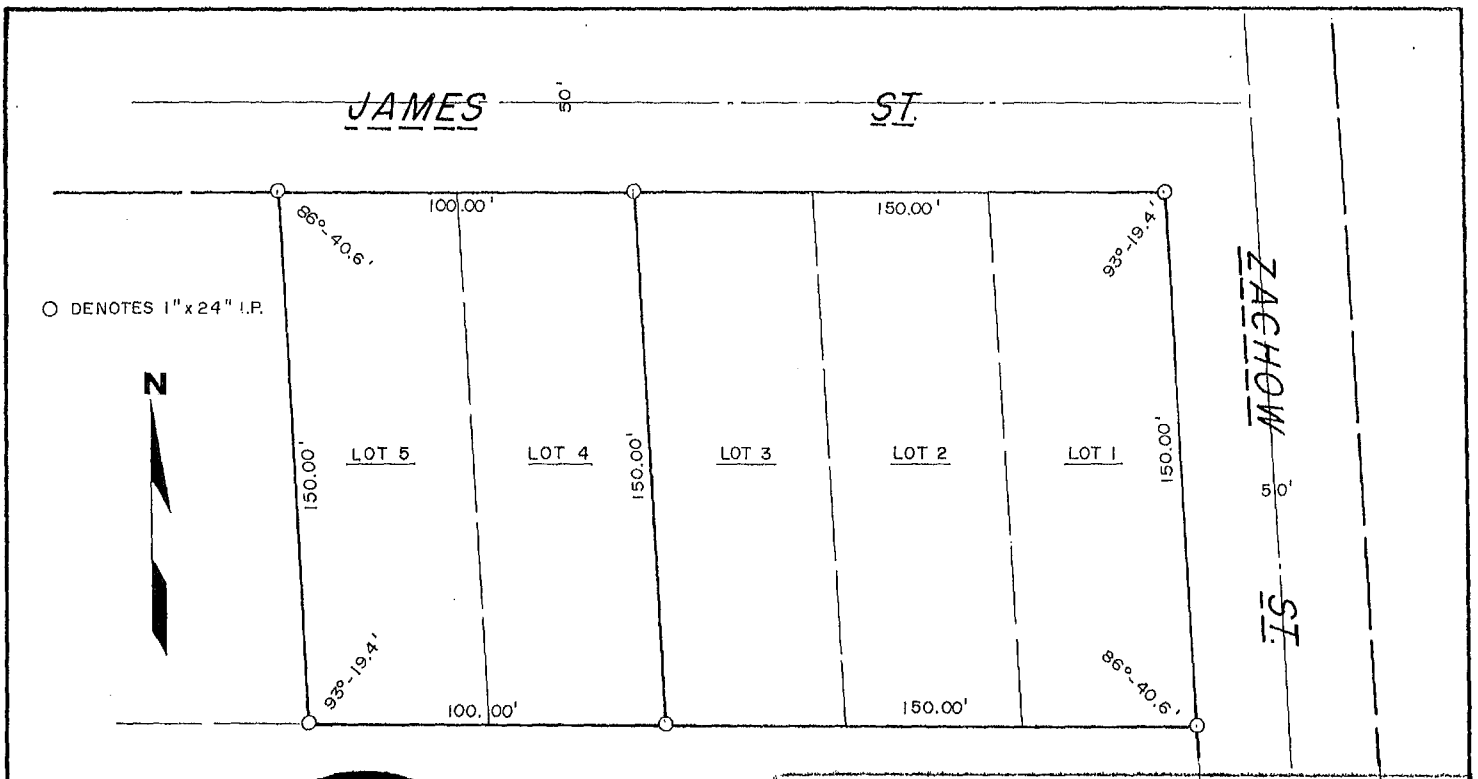
Personally came before me on April 20, 2000 the above named Troy W. Wegner and Anita L. Wegner f/k/a Anita L. Letter, husband and wife, as tenants in common each with an undivided one-half interest, to be known to be the person(s) who executed the foregoing instrument and acknowledged the same.

Jill E. Grosskreutz
Jill E. Grosskreutz (type or print)
Notary Public, Shawano County, Wisconsin.
My commission is permanent. (If not, state expiration date: July 28, 2002)

Endeavor
ENVIRONMENTAL SERVICES, INC.

APPENDIX B

Certified Survey Map



WISCONSIN
R. W. NORDIN
S-0791
SHAWANO, WIS.
LAND SURVEYOR

6-14-88.

NORDIN & ASSOC., INC.
PROFESSIONAL LAND SURVEYORS SHAWANO, WI

MAP OF LOTS 1-5, BLOCK 3, FREEBORN'S 2nd ADD. TO CECIL.

DRN. BY	BOB	SCALE	1" = 40'	CLIENT	HILGENBERG
DATE	6-14-88.	REVISED		NOTES NO.	5920

Endeavor
ENVIRONMENTAL SERVICES, INC.

APPENDIX C

WDNR Soil Boring Logs
WDNR Borehole Abandonment Forms
WDNR Well Construction Forms
WDNR Monitoring Well Development Forms

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		GP-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Jeff Last Name:	12 / 7 / 2011 (m m / d d / y y y y)	12 / 7 / 2011 (m m / d d / y y y y)	Geoprobe
Firm: Giess Soil Samples LLC			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _	GP-1	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: [X]) or Boring Location [X]
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N _____ Feet ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	20		0	0.0 - 2.0 Moist, brown loamy clay	CL-M			--						
S-2	24		2	2.0 - 4.0 Moist, brown medium sand	SP			86						Lab Sample
S-3	18		4	4.0 - 6.0 Moist, gray fine to medium silty sand	SM			376						
S-4	20		6	6.0 - 8.0 Moist, gray fine to medium silty sand	SM			1,500						Lab Sample
S-5	24		8	8.0 - 10.0 Moist, brown loamy clay	CL-M			1,072						
S-6	24		10	10.0 - 12.0 Moist, brown loamy clay	CL-M			592						
S-7	24		12	12.0 - 14.0 Moist, brown loamy clay with reddish mottling	CL-M			153						
S-8	24		14	14.0 - 16.0 Moist, brown loamy clay with reddis/greenish mottling	CL-M			115						Lab Sample
S-9	24		16	16.0 - 18.0 Very moist, grayish brown loamy clay	CL-M			30						
S-10	24		18	18.0 - 20.0 Very moist, greyish brown loamy clay	CL-M			16						
			20											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Wegner Property (Former)	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: GP-1 Temp Well
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: |X) or Well Location |X: Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No.: NA	DNR Well ID No.: ___
Facility ID: ___	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 12 / 7 / 2011 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: NE 1/4 of NE 1/4 of Sec. 20, T. 27 N, R. 17 |X E ☐ W	Well Installed By: Name (first, last) and Firm: Jeff Giess Soil Samples LLC
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM |X SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes |X No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☐ 41
Geoprobe Other |X

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None |X 99

16. Drilling additives used? ☐ Yes |X No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or _____ ft.

F. Fine sand, top _____ ft. MSL or _____ ft.

G. Filter pack, top _____ ft. MSL or _____ ft.

H. Screen joint, top _____ ft. MSL or _15_ ft.

I. Well bottom _____ ft. MSL or _20_ ft.

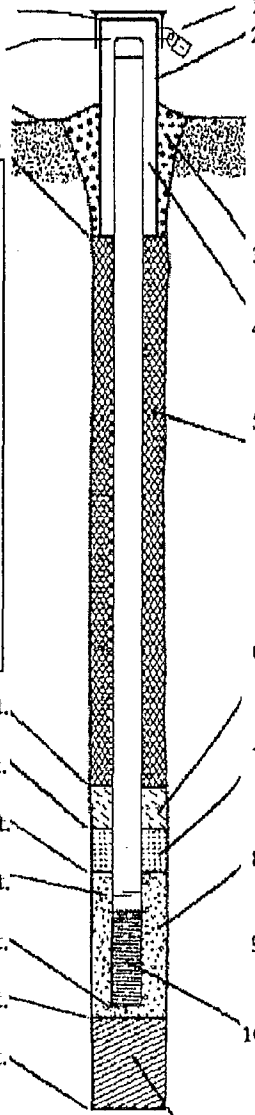
J. Filter pack, bottom _____ ft. MSL or _____ ft.

K. Borehole, bottom _____ ft. MSL or _20_ ft.

L. Borehole, diameter _2_ in.

M. O.D. well casing _1.25_ in.

N. I.D. well casing _1_ in.



1. Cap and lock? ☐ Yes |X No

2. Protective cover pipe:
a. Inside diameter: ___ in.
b. Length: ___ ft.
c. Material: Steel ☐ 04
Other ☐
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete ☐ 01
Other ☐

4. Material between well casing and protective pipe:
Bentonite ☐ 30
Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. Open borehole _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. Open borehole
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Open borehole
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 |X 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐

10. Screen material: PVC
a. Screen type: Factory cut |X 11
Continuous slot ☐ 01
Other ☐
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: .5 ft.

11. Backfill material (below filter pack): None |X 14
Other ☐

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

Signature _____ Firm: Endeavor Environmental Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		GP-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Jeff Last Name: Firm: Giess Soil Samples LLC	12 / 7 / 2011 (m m / d d / y y y y)	12 / 7 / 2011 (m m / d d / y y y y)	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _	GP-2	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	3			0.0 - 0.25 Asphalt	PA			--						
S-1	18			0.25 - 2.0 Sand and gravel fill	FL			--						
S-2	20		2	2.0 - 4.0 Moist, brown sandy clay	CL-S			--						Lab Sample
S-3	24		4	4.0 - 6.0 Moist, brown sandy clay	CL-S			341						
S-4	24		6	6.0 - 8.0 Moist, brown loamy clay	CL-M			941						Lab Sample
S-5	24		8	8.0 - 10.0 Moist, brown loamy clay	CL-M			857						
S-6	24		10	10.0 - 12.0 Moist, brown loamy clay with reddish mottling	CL-M			927						
S-7	24		12	12.0 - 14.0 Moist, brown loamy clay	CL-M			106						
S-8	24		14	14.0 - 16.0 Moist, brown loamy clay	CL-M			51						Lab Sample
			16											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
SHAWANO		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)
__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼	¼	Section	Township	Range
NE	NE	20	27 N	17 [X] E ☐ W

or Gov't Lot #

Well Street Address: 301 S Zachow Street

Well City, Village or Town: Cecil — Well ZIP Code: 54111-

Subdivision Name — Lot #

Reason For Removal From Service: Temporary soil boring

WI Unique Well # of Replacement Well: __ __ __ __ __

2. Facility / Owner Information

Facility Name: Wegner Property (Former)

Facility ID (FID or PWS)

License/Permit/Monitoring #: GP-2

Original Well Owner

Present Well Owner: Steven Bartz

Mailing Address of Present Owner: 301 S Zachow Street

City of Present Owner	State	ZIP Code
Cecil	WI	54111-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/7/2011

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (specify): Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
16	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete [X] 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.)	Cubic Feet	Mix Ratio
Asphalt	Surface	0.5	0.01	100%
3/8 inch chipped bentonite	0.5	16	0.34	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Endeavor Environmental Services, Inc.		12/7/2011

Street or Route: 2280-B Salscheider Court — Telephone Number: (920) 437-2997

City	State	ZIP Code
Green Bay	WI	54313-

Signature of Person Doing Work — Date Signed: 12/30/11

DNR Use Only

Date Received	Noted By

Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		GP-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Jeff Last Name:	12 / 7 / 2011	12 / 7 / 2011	Geoprobe
Firm: Giess Soil Samples LLC			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		GP-3	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: [x]) or Boring Location [x]
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E

Lat ° ' "
Long ° ' "

Local Grid Location
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	3			0.0 - 0.25 Asphalt	PA			--						
S-1	4			0.25 - 0.6 Gravel fill	FL			--						
S-1	16		2	0.6 - 2.0 Moist, brown loamy clay	CL-M			--						
S-2	20			2.0 - 4.0 Moist, brown loamy clay	CL-M			--						Lab Sample
S-3	24		4	4.0 - 6.0 Moist, brown loamy clay with trace sand	CL-M			7.7						
S-4	24		6	6.0 - 8.0 Moist, brown loamy clay	CL-M			246						Lab Sample
S-5	24		8	8.0 - 10.0 Very moist, brown loamy clay	CL-M			980						Lab Sample
S-6	24		10	10.0 - 12.0 Very moist, brown loamy clay	CL-M			103						Lab Sample
			12											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Wegner Property (Former)	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: GP-3 Temp Well
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: |X) or Well Location |X Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: NA	DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 12 / 7 / 2011 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: NE 1/4 of NE 1/4 of Sec. 20, T. 27 N, R. 17 |X E ☐ W	Well Installed By: Name (first, last) and Firm: Jeff; Giess Soil Samples LLC
Distance from Waste/Source _____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM |X SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes |X No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☐ 41; Geoprobe; Other |X

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None |X 99

16. Drilling additives used? ☐ Yes |X No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or _____ ft.

F. Fine sand, top _____ ft. MSL or _____ ft.

G. Filter pack, top _____ ft. MSL or _____ ft.

H. Screen joint, top _____ ft. MSL or _7_ ft.

I. Well bottom _____ ft. MSL or _12_ ft.

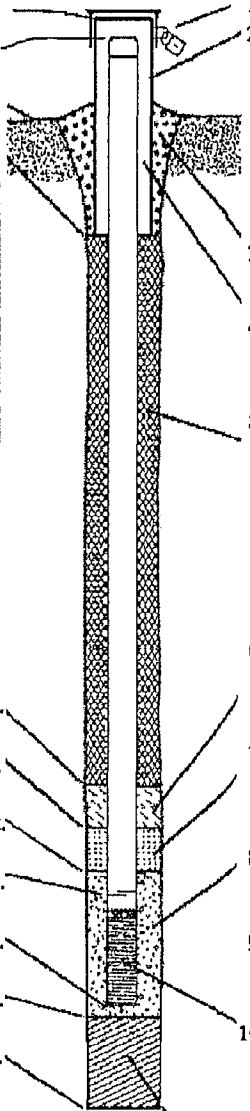
J. Filter pack, bottom _____ ft. MSL or _____ ft.

K. Borehole, bottom _____ ft. MSL or _12_ ft.

L. Borehole, diameter _2_ in.

M. O.D. well casing _1.25_ in.

N. I.D. well casing _1_ in.



1. Cap and lock? ☐ Yes |X No

2. Protective cover pipe:
a. Inside diameter: _____ in.
b. Length: _____ ft.
c. Material: _____ Steel ☐ 04; Other ☐
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: _____ Bentonite ☐ 30; Concrete ☐ 01; Other ☐

4. Material between well casing and protective pipe: _____ Bentonite ☐ 30; Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. Open borehole _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. Open borehole _____
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Open borehole _____
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 |X 23; Flush threaded PVC schedule 80 ☐ 24; _____ Other ☐

10. Screen material: PVC _____
a. Screen type: Factory cut |X 11; Continuous slot ☐ 01; _____ Other ☐
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: .5 ft.

11. Backfill material (below filter pack): _____ None |X 14; Other ☐

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

Signature _____ Firm: Endeavor Environmental Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
SHAWANO		

Latitude / Longitude (Degrees and Minutes) ___ ___ ° ___ ___ . ___ ___ 'N ___ ___ ° ___ ___ . ___ ___ 'W — Method Code (see instructions)

¼ / ¼	¼	Section	Township	Range	
NE	NE	20	27 N	17	[X] E ☐ W

or Gov't Lot #

Well Street Address: 301 S Zachow Street

Well City, Village or Town: Cecil — Well ZIP Code: 54111-

Subdivision Name — Lot #

Reason For Removal From Service: Temporary soil boring — WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: Wegner Property (Former)

Facility ID (FID or PWS)

License/Permit/Monitoring #: GP-3

Original Well Owner

Present Well Owner: Steven Bartz

Mailing Address of Present Owner: 301 S Zachow Street

City of Present Owner: Cecil — State: WI — ZIP Code: 54111-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/7/2011

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

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

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

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

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

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	Cubic Feet	Mix Ratio
Asphalt	Surface	0.5	0.01	100%
3/8 inch chipped bentonite	0.5	12	0.25	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Endeavor Environmental Services, Inc.		12/7/2011

Street or Route: 2280-B Salscheider Court — Telephone Number: (920) 437-2997

City: Green Bay — State: WI — ZIP Code: 54313-

Signature of Person Doing Work — Date Signed: 12/30/11

DNR Use Only

Date Received — Noted By — Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		GP-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Jeff Last Name:	12 / 7 / 2011	12 / 7 / 2011	Geoprobe
Firm: Giess Soil Samples LLC			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		GP-4	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E

Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	3			0.0 - 0.25 Asphalt	PA			--						
S-1	6			0.25 - 1.0 Gravel fill	FL			--						
S-1	6		2	1.0 - 2.0 Moist, brown loamy clay	CL-M			--						
S-2	14			2.0 - 4.0 Moist, brown loamy clay	CL-M			--						Lab Sample
S-3	18		4	4.0 - 6.0 Moist, brown loamy clay	CL-M			9.8						
S-4	18		6	6.0 - 8.0 Moist, light brown clayey silty	ML-(			9.2						Lab Sample
S-5	20		8	8.0 - 10.0 Moist, brown loamy silt	ML			190						
S-6	24		10	10.0 - 12.0 Moist, brown loamy silt	ML			974						Lab Sample
			12											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
SHAWANO		

Latitude / Longitude (Degrees and Minutes) ____ ° ____ . ____ ____ 'N ____ ° ____ . ____ ____ 'W — Method Code (see instructions)

¼ / ¼	¼	Section	Township	Range	
NE	NE	20	27 N	17	[X] E ☐ W

or Gov't Lot #

Well Street Address: 301 S Zachow Street

Well City, Village or Town: Cecil — Well ZIP Code: 54111-

Subdivision Name — Lot #

Reason For Removal From Service: Temporary soil boring — WI Unique Well # of Replacement Well

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/7/2011

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

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

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

2. Facility / Owner Information

Facility Name: Wegner Property (Former)

Facility ID (FID or PWS)

License/Permit/Monitoring #: GP-4

Original Well Owner

Present Well Owner: Steven Bartz

Mailing Address of Present Owner: 301 S Zachow Street

City of Present Owner	State	ZIP Code
Cecil	WI	54111-

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

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

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete [X] 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 Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Cubic Feet	Mix Ratio
Asphalt	Surface	0.5	0.01	100%
3/8 inch chipped bentonite	0.5	12	0.25	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Endeavor Environmental Services, Inc.		12/7/2011

Street or Route: 2280-B Salscheider Court — Telephone Number: (920) 437-2997

City	State	ZIP Code
Green Bay	WI	54313-

Signature of Person Doing Work: [signature] — Date Signed: 11/30/11

DNR Use Only

Date Received	Noted By

Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		GP-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Jeff Last Name:	12 / 7 / 2011 (m m d d y y y y)	12 / 7 / 2011 (m m d d y y y y)	Geoprobe
Firm: Giess Soil Samples LLC			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _	GP-5	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: [x]) or Boring Location [x]
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	3			0.0 - 0.25 Asphalt	PA			--						
S-1	12			0.25 - 2.0 Gravel fill	FL			--						
S-2	14		2	2.0 - 4.0 Moist, brown silty clay	CL-M			11						Lab Sample
S-3	24		4	4.0 - 6.0 Moist, brown loamy clay	CL-M			19						
S-4	24		6	6.0 - 8.0 Moist, brown loamy clay	CL-M			34						
S-5	24		8	8.0 - 10.0 Moist, brown loamy silt	ML			6.3						
S-6	24		10	10.0 - 12.0 Moist, brown loamy silt	ML			25						Lab Sample
S-7	24		12	12.0 - 14.0 Moist, brown loamy silt	ML			95						
S-8	24		14	14.0 - 16.0 Very moist, brown loamy silt	ML			134						Lab Sample
			16											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
SHAWANO	_ _ _ _ _ _	

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼	¼	Section	Township	Range	
NE	NE	20	27 N	17	[X] E ☐ W

or Gov't Lot #

Well Street Address: 301 S Zachow Street

Well City, Village or Town	Well ZIP Code
Cecil	54111-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Temporary soil boring	_ _ _ _ _ _

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/7/2011

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (specify): Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
16	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

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

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

2. Facility / Owner Information

Facility Name: Wegner Property (Former)

Facility ID (FID or PWS):

License/Permit/Monitoring #: GP-5

Original Well Owner:

Present Well Owner: Steven Bartz

Mailing Address of Present Owner: 301 S Zachow Street

City of Present Owner	State	ZIP Code
Cecil	WI	54111-

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete [X] 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 Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Cubic Feet	Mix Ratio
Asphalt	Surface	0.5	0.01	100%
3/8 inch chipped bentonite	0.5	16	0.34	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Endeavor Environmental Services, Inc.		12/7/2011

Street or Route	Telephone Number
2280-B Salscheider Court	(920) 437-2997

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54313-		12/20/11

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		GP-10

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Landon Last Name:	12 / 19 / 2011	12 / 19 / 2011	Geoprobe
Firm: Giess Soil Samples LLC			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		GP-10	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: [X]) or Boring Location [X]
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E

Lat ° ' "
Long ° ' "

Local Grid Location
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	2			0.0 - 2.0 Gravel fill	FL			--						
S-2	2		2	2.0 - 4.0 Gravel fill	FL			--						
S-3	18		4	4.0 - 6.0 Moist, brown sandy silt	ML-S			--						
S-4	20		6	6.0 - 8.0 Moist, brown sandy silt	ML-S			--						Lab Sample
S-5	18		8	8.0 - 10.0 Very moist, grayish brown sandy silt	ML-S			--						Lab Sample
S-6	18		10	10.0 - 12.0 Very Moist, grayish brown silty sand	SM			--						
			12											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
SHAWANO		

Latitude / Longitude (Degrees and Minutes) ___ ° ___ . ___ ___ ___ 'N / ___ ° ___ . ___ ___ ___ 'W — Method Code (see instructions)

¼ / ¼	¼	Section	Township	Range	
NE	NE	20	27 N	17	[X] E ☐ W

or Gov't Lot #

Well Street Address: 301 S Zachow Street

Well City, Village or Town: Cecil — Well ZIP Code: 54111-

Subdivision Name — Lot #

Reason For Removal From Service: Temporary soil boring — WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: Wegner Property (Former)

Facility ID (FID or PWS)

License/Permit/Monitoring #: GP-10

Original Well Owner

Present Well Owner: Steven Bartz

Mailing Address of Present Owner: 301 S Zachow Street

City of Present Owner	State	ZIP Code
Cecil	WI	54111-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/19/2011

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (specify): Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.)

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete [X] 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.)	Cubic Feet	Mix Ratio
Top soil	Surface	0.5	0.01	100%
3/8 inch chipped bentonite	0.5	12	0.25	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Endeavor Environmental Services, Inc.		12/19/2011

Street or Route	Telephone Number
2280-B Salscheider Court	(920) 437-2997

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54313-		12/30/11

DNR Use Only

Date Received	Noted By
Comments	

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name: Wegner Property (Former)	License/Permit/Monitoring Number	Boring Number: GP-11	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Landon Last Name: Firm: Giess Soil Samples LLC	Date Drilling Started: 12/19/2011	Date Drilling Completed: 12/19/2011	Drilling Method: Geoprobe
WI Unique Well No.: _ _ _ _ _ _	DNR Well ID No.: _ _ _ _ _	Well Name: GP-11	Final Static Water Level: _____ Feet MSL
Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches		
Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒ State Plane _____ N, _____ E NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E	Lat ° ' " Long ° ' "	Local Grid Location _____ Feet ☐ N ☐ E _____ Feet ☐ S ☐ W	
Facility ID	County: SHAWANO	County Code: 59	Civil Town/City/ or Village: Cecil

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	4			0.0 - 0.5 Asphalt	PA			--						
S-1	6			0.5 - 1.0 Gravel fill	FL			--						
S-1	10		2	1.0 - 2.0 Moist, brown sandy silt	ML-			--						
S-2	20			2.0 - 4.0 Moist, brown sandy silt	ML-			--						
S-3	24		4	4.0 - 6.0 Moist, brown sandy silt	ML-			--						
S-4	24		6	6.0 - 8.0 Moist, brown sandy silt	ML-			--						Lab Sample
S-5	24		8	8.0 - 10.0 Moist, brown silty caly	CL-M			--						Lab Sample
S-6	24		10	10.0 - 12.0 Very moist, brown silty clay with reddish/greenish mottling	CL-M			--						
			12											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
SHAWANO	_ _ _ _ _	

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼	¼	Section	Township	Range	
NE	NE	20	27 N	17	[X] E ☐ W

or Gov't Lot #

Well Street Address: 301 S Zachow Street

Well City, Village or Town: Cecil — Well ZIP Code: 54111-

Subdivision Name — Lot #

Reason For Removal From Service: Temporary soil boring — WI Unique Well # of Replacement Well: _ _ _ _ _

2. Facility / Owner Information

Facility Name: Wegner Property (Former)

Facility ID (FID or PWS)

License/Permit/Monitoring #: GP-11

Original Well Owner

Present Well Owner: Steven Bartz

Mailing Address of Present Owner: 301 S Zachow Street

City of Present Owner: Cecil — State: WI — ZIP Code: 54111-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/19/2011

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete [X] 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.)	Cubic Feet	Mix Ratio
Asphalt	Surface	0.5	0.01	100%
3/8 inch chipped bentonite	0.5	12	0.25	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: Endeavor Environmental Services, Inc. — License # — Date of Filling & Sealing (mm/dd/yyyy): 12/19/2011

Street or Route: 2280-B Salscheider Court — Telephone Number: (920) 437-2997

City: Green Bay — State: WI — ZIP Code: 54313-

Signature of Person Doing Work — Date Signed: 12/20/11

DNR Use Only

Date Received — Noted By — Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		GP-12

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Landon Last Name: Firm: Giess Soil Samples LLC	12 / 19 / 2011 (m m / d d / y y y y)	12 / 19 / 2011 (m m / d d / y y y y)	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _ _	GP-12	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N _____ Feet ☐ S ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	4			0.0 - 0.5 Asphalt	PA									
S-1	6			0.5 - 1.0 Gravel fill	FL									
S-1	8		2	1.0 - 2.0 Moist, brown sandy silt	ML-									
S-2	16			2.0 - 4.0 Moist, brown sandy silt	ML-									
S-3	18		4	4.0 - 6.0 Moist, brown sandy silt	ML-									
S-4	20		6	6.0 - 8.0 Moist, brown sandy silt	ML-									Lab Sample
S-5	24		8	8.0 - 10.0 Moist, grayish brown silty clay	CL-M									Lab Sample
S-6	24		10	10.0 - 12.0 Moist, grayish brown silty clay with sand seam at 11.0-11.5 feet below ground surface	CL-M									
			12											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
SHAWANO		

Latitude / Longitude (Degrees and Minutes) ___ ___ ° ___ ___ . ___ ___ ___ 'N / ___ ___ ° ___ ___ . ___ ___ ___ 'W

Method Code (see instructions)

¼ / ¼	¼	Section	Township	Range	
NE	NE	20	27 N	17	[X] E ☐ W

or Gov't Lot #

Well Street Address: 301 S Zachow Street

Well City, Village or Town: Cecil

Well ZIP Code: 54111-

Subdivision Name:

Lot #:

Reason For Removal From Service: Temporary soil boring

WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Wegner Property (Former)

Facility ID (FID or PWS):

License/Permit/Monitoring #: GP-12

Original Well Owner:

Present Well Owner: Steven Bartz

Mailing Address of Present Owner: 301 S Zachow Street

City of Present Owner	State	ZIP Code
Cecil	WI	54111-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/19/2011

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

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

If yes, to what depth (feet)?

Depth to Water (feet)

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

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

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete [X] 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.)	Cubic Feet	Mix Ratio
Asphalt	Surface	0.5	0.01	100%
3/8 inch chipped bentonite	0.5	12	0.25	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: Endeavor Environmental Services, Inc.

License #:

Date of Filling & Sealing (mm/dd/yyyy): 12/19/2011

Street or Route: 2280-B Salscheider Court

Telephone Number: (920) 437-2997

City: Green Bay State: WI ZIP Code: 54313-

Signature of Person Doing Work:

Date Signed: 4/20/11

DNR Use Only

Date Received:

Noted By:

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		GP-13

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Landon Last Name:	12 / 19 / 2011 (m m / d d / y y y y)	12 / 19 / 2011 (m m / d d / y y y y)	Geoprobe
Firm: Giess Soil Samples LLC			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _	GP-13	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E

Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				0.0 - 0.0										
S-1	12			0.0 - 2.0 Moist, brown sandy silt	ML-S			--						
S-2	14		2	2.0 - 4.0 Moist, brown sandy silt	ML-S			--						
S-3	18		4	4.0 - 6.0 Moist, brown sandy silt	ML-S			--						
S-4	20		6	6.0 - 8.0 Moist, brown sandy silt	ML-S			--						Lab Sample
S-5	24		8	8.0 - 10.0 Moist, brown sandy silt	ML-S			--						
S-6	24		10	10.0 - 12.0 Moist, brown sandy silt	ML-S			--						
			12											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
SHAWANO		

Latitude / Longitude (Degrees and Minutes) ___ ° ___ . ___ ___ ___ 'N ___ ___ ° ___ . ___ ___ ___ 'W — Method Code (see instructions)

¼ / ¼	¼	Section	Township	Range	
NE	NE	20	27 N	17	[X] E ☐ W

or Gov't Lot #

Well Street Address: 301 S Zachow Street

Well City, Village or Town	Well ZIP Code
Cecil	54111-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Temporary soil boring	

2. Facility / Owner Information

Facility Name: Wegner Property (Former)

Facility ID (FID or PWS):

License/Permit/Monitoring #: GP-13

Original Well Owner:

Present Well Owner: Steven Bartz

Mailing Address of Present Owner: 301 S Zachow Street

City of Present Owner	State	ZIP Code
Cecil	WI	54111-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/19/2011

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

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

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2	

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

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

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete [X] 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.)	Cubic Feet	Mix Ratio
Top soil	Surface	0.5	0.01	100%
3/8 inch chipped bentonite	0.5	12	0.25	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Endeavor Environmental Services, Inc.		12/19/2011

Street or Route	Telephone Number
2280-B Salscheider Court	(920) 437-2997

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54313-		12/20/11

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name: Wegner Property (Former)	License/Permit/Monitoring Number:	Boring Number: GP-14
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Landon Last Name: — Firm: Giess Soil Samples LLC	Date Drilling Started: 12 / 19 / 2011	Date Drilling Completed: 12 / 19 / 2011 — Drilling Method: Geoprobe
WI Unique Well No.: _ _ _ _ _ _ — DNR Well ID No.: _ _ _ _ _ — Well Name: GP-14	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL — Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: [x]) or Boring Location [x] — State Plane _____ N, _____ E	Lat ° ' " — Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W
_____ 1/4 of _____ 1/4 of Section 20, T 27 N, R 17 E		
Facility ID	County: SHAWANO	County Code: 59 — Civil Town/City/ or Village: Cecil

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	12		0	0.0 - 2.0 Moist, brown loamy silt	ML			--						
S-2	14		2	2.0 - 4.0 Moist, brown loamy silt	ML			--						
S-3	12		4	4.0 - 6.0 Very moist, silty sand	SM			--						
S-4	6		6	6.0 - 7.0 Very moist, silty sand	SM			--						
S-4	6			7.0 - 8.0 Moist, brown loamy clay	CL-M			--						
S-5	24		8	8.0 - 10.0 Very moist, brown loamy clay with sand	CL-M			--						Lab Sample
S-6	24		10	10.0 - 12.0 Very moist, brown loamy clay with sand	CL-M			--						
			12											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
SHAWANO		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)
__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼	¼	Section	Township	Range
NE	NE	20	27 N	17 [X] E ☐ W

or Gov't Lot #

Well Street Address: 301 S Zachow Street

Well City, Village or Town	Well ZIP Code
Cecil	54111-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Temporary soil boring	

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/19/2011

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (specify): Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

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

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2	

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

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

2. Facility / Owner Information

Facility Name: Wegner Property (Former)

Facility ID (FID or PWS):

License/Permit/Monitoring #: GP-141

Original Well Owner:

Present Well Owner: Steven Bartz

Mailing Address of Present Owner: 301 S Zachow Street

City of Present Owner	State	ZIP Code
Cecil	WI	54111-

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete [X] 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.)	Cubic Feet	Mix Ratio
Top soil	Surface	0.5	0.01	100%
3/8 inch chipped bentonite	0.5	12	0.25	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Endeavor Environmental Services, Inc.		12/19/2011

Street or Route	Telephone Number
2280-B Salscheider Court	(920) 437-2997

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54313-		4/30/11

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		GP-15

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Landon Last Name:	12 / 19 / 2011 (m m / d d / y y y y)	12 / 19 / 2011 (m m / d d / y y y y)	Geoprobe
Firm: Giess Soil Samples LLC			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _	GP-15	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E

Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	18			0.0 - 2.0 Moist, light brown sandy silt	ML-S			--						
S-2	24		2	2.0 - 4.0 Moist, brown loamy silt	ML			--						
S-3	24		4	4.0 - 6.0 Moist, brown sandy silt	ML-S			--						
S-4	24		6	6.0 - 8.0 Very moist, brown sandy silt	ML-S			--						Lab Sample
S-5	6		8	8.0 - 8.5 Very moist, brown sandy silt				--						Lab Sample
S-5	18			8.5 - 10.0 Saturated, brown silty sand	ML-S SM			--						
S-6	12		10	10.0 - 11.0 Saturated, brown silty sand	SM			--						
S-6	12			11.0 - 12.0 Saturated brown loamy clay	CL-M			--						
S-7			12	12.0 - 15.0 Earth drilled to 15 feet below ground surface										
			14											
			16											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name: Wegner Property (Former)	License/Permit/Monitoring Number:	Boring Number: MW-1
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Landon Last Name: Firm: Giess Soil Samples LLC	Date Drilling Started: 12 / 19 / 2011 (m m / d d / y y y y)	Date Drilling Completed: 12 / 19 / 2011 (m m / d d / y y y y) Drilling Method: hollow stem auger
WI Unique Well No.: VW240	DNR Well ID No.:	Well Name: MW-1
Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 6.25 inches
Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒ State Plane _____ N, _____ E NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E	Lat ° ' " Long ° ' "	Local Grid Location _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W
Facility ID	County: SHAWANO	County Code: 59
	Civil Town/City/ or Village: Cecil	

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1			2 4 6 8 10 12 14 16	0.0 - 15.0 Earth drilled to 15 feet below ground surface										

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

Signature _____ Firm: Endeavor Environmental Services, Inc.

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State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Wegner Property (Former)	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: |X|) or Well Location |X| Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No.: VW240 / DNR Well ID No.: ____
Facility ID: _____	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 12 / 19 / 2011 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: NE 1/4 of NE 1/4 of Sec. 20, T. 27 N, R. 17 |X| E ☐ W	Well Installed By: Name (first, last) and Firm: Landon Giess Soil Sampels LLC
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM |X| SC ☐ ML |X| MH ☐ CL |X| CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes |X| No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger |X| 41 / Other ☐ ____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None |X| 99

16. Drilling additives used? ☐ Yes |X| No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 4 ft.

G. Filter pack, top _____ ft. MSL or 4.5 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 15 ft.

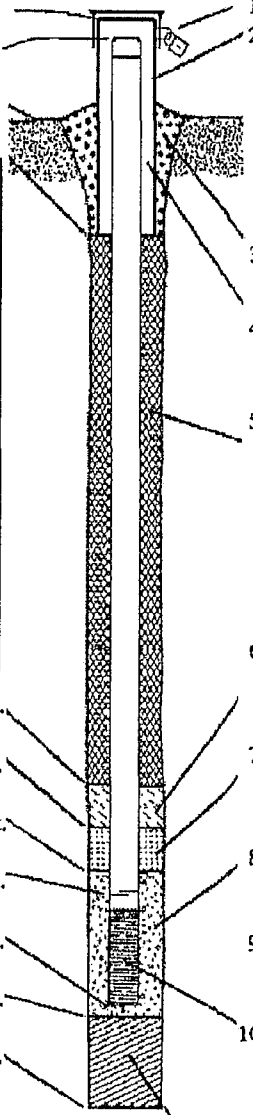
J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 6.25 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.06 in.



1. Cap and lock? ☐ Yes |X| No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel |X| 04 / Other ☐ ____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete |X| 01 / Other ☐ ____

4. Material between well casing and protective pipe: Bentonite |X| 30 / Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 1 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. |X| 3/8 in. ☐ 1/2 in. Bentonite chips |X| 32
c. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. Fine sand
b. Volume added 0.5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Coarse sand
b. Volume added 6 ft^3

9. Well casing: Flush threaded PVC schedule 40 |X| 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut |X| 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None |X| 14 / Other ☐ ____

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

Signature	Firm
	Endeavor Environmental Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Wegner Property (Former)	SHAWANO	MW-1
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	59	VW240 /

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	☐	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	[X]	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 7 min.

4. Depth of well (from top of well casisng) 153 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 2.2 gal.

7. Volume of water removed from well 5 gal.

8. Volume of water added (if any) ____ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.99 ft.	____ ft.
Date	b. ____/____/____ (m m d d y y y y)	12 / 27 / 2011
Time	c. 10 : 33 [X] a.m. ☐ p.m.	10 : 40 [X] a.m. ☐ p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	____ mg/l	____ mg/l
15. COD	____ mg/l	____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Cody Last Name: Brauner
Firm: Endeavor Environmental Services, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Steven Last Name: Bartz
Facility/Firm: Wegner Property (Former)
Street: 301 S Zachow Street
City/State/Zip: Cecil WI 54111-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Cody Brauner
Firm: Endeavor Environmental Services, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		MW-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Landon Last Name:	12 / 19 / 2011 (m m / d d / y y y y)	12 / 19 / 2011 (m m / d d / y y y y)	hollow stem auger
Firm: Giess Soil Samples LLC			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VW241		MW-2	_____ Feet MSL	_____ Feet MSL	6.25 inches

Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1			2 4 6 8 10 12 14 16	0.0 - 15.0 Earth drilled to 15 feet below ground surface										

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

Signature	Firm
	Endeavor Environmental Services, Inc.

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State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Wegner Property (Former)	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-2	
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: |X|) or Well Location |X| Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VW241	DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 12 / 19 / 2011 (m m d d y y y y)	
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: NE 1/4 of NE 1/4 of Sec. 20 T. 27 N, R. 17 |X| E ☐ W	Well Installed By: Name (first, last) and Firm: Landon Giess Soil Sampels LLC
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number:	

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM |X| SC ☐ ML |X| MH ☐ CL |X| CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes |X| No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger |X| 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None |X| 99

16. Drilling additives used? ☐ Yes |X| No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 3.5 ft.

G. Filter pack, top _____ ft. MSL or 4 ft.

H. Screen joint, top _____ ft. MSL or 4 ft.

I. Well bottom _____ ft. MSL or 14 ft.

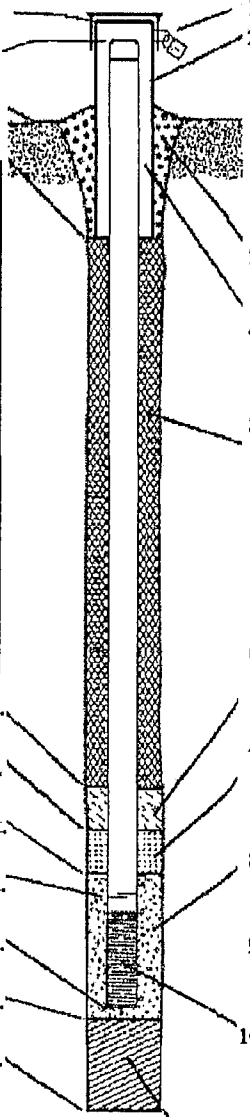
J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 6.25 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.06 in.



1. Cap and lock? ☐ Yes |X| No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel |X| 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete |X| 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite |X| 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 1 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity |X| 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. |X|3/8 in. ☐1/2 in. Bentonite chips |X| 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. Fine sand
b. Volume added 0.5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Coarse Sand
b. Volume added 6 ft^3

9. Well casing: Flush threaded PVC schedule 40 |X| 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut |X| 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None |X| 14 / Other ☐ _____

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

Signature	Firm
	Endeavor Environmental Services, Inc.

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State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Wegner Property (Former)	SHAWANO	MW-2
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	59	VW241 / ___

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	☐	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	[X]	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 7 min.

4. Depth of well (from top of well casisng) 14.1 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 2.1 gal.

7. Volume of water removed from well 5 gal.

8. Volume of water added (if any) ___ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.38 ft.	___ ft.
Date	b. ___/___/____ (m m d d y y y y)	12/27/2011 (m m d d y y y y)
Time	c. 10 : 50 [X] a.m. ☐ p.m.	10 : 57 [X] a.m. ☐ p.m.
12. Sediment in well bottom	___ inches	___ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	___ mg/l	___ mg/l
15. COD	___ mg/l	___ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Cody Last Name: Brauner
Firm: Endeavor Environmental Services, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Steven Last Name: Bartz
Facility/Firm: Wegner Property (Former)
Street: 301 S Zachow Street
City/State/Zip: Cecil WI 54111-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Cody Brauner
Print Name: Cody Brauner
Firm: Endeavor Environmental Services, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		MW-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Landon Last Name: Firm: Giess Soil Samples LLC	12 / 19 / 2011 (m m / d d / y y y y)	12 / 19 / 2011 (m m / d d / y y y y)	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VW242	_ _ _	MW-3	_____ Feet MSL	_____ Feet MSL	6.25 inches

Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1			2 4 6 8 10 12 14 16	0.0 - 15.0 Earth drilled to 15 feet below ground surface										

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

Signature	Firm
	Endeavor Environmental Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name Wegner Property (Former)	Local Grid Location of Well ☐ N. ☐ S. _____ ft. ☐ E. ☐ W. _____ ft.	Well Name MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☒) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. VW242
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	DNR Well ID No.
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 20, T. 27 N, R. 17 ☒ E ☐ W	Date Well Installed 12 / 19 / 2011 (m m d d y y y y)
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number
Enf. Stds. Apply ☐		Well Installed By: Name (first, last) and Firm Landon Giess Soil Sampels LLC

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☒ SC ☐ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 3.5 ft.

G. Filter pack, top _____ ft. MSL or 4 ft.

H. Screen joint, top _____ ft. MSL or 4 ft.

I. Well bottom _____ ft. MSL or 14 ft.

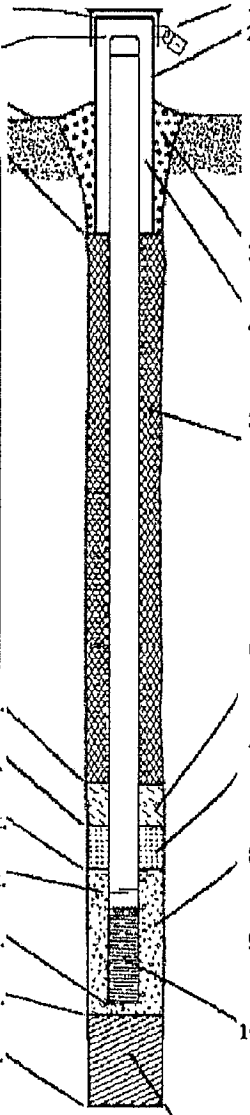
J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 6.25 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.06 in.



1. Cap and lock? ☐ Yes ☒ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04
Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
Other ☐ _____

4. Material between well casing and protective pipe:
Bentonite ☒ 30
Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 1 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. Fine sand
b. Volume added 0.5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Coarse sand
b. Volume added 6 ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14
Other ☐ _____

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

Signature _____ Firm Endeavor Environmental Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Wegner Property (Former)	SHAWANO	MW-3
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	59	VW242	

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	[X] 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 8 min.

4. Depth of well (from top of well casisng) 14.1 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 1.8 gal.

7. Volume of water removed from well 5 gal.

8. Volume of water added (if any) ____ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 7.28 ft.	____ ft.
Date	b. __/__/____ (m m d d y y y y)	12/27/2011 (m m d d y y y y)
Time	c. 11 : 06 [X] a.m. ☐ p.m.	11 : 14 [X] a.m. ☐ p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	____ mg/l	____ mg/l
15. COD	____ mg/l	____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Cody Last Name: Brauner
Firm: Endeavor Environmental Services, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Steven Last Name: Bartz
Facility/Firm: Wegner Property (Former)
Street: 301 S Zachow Street
City/State/Zip: Cecil WI 54111-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Cody Brauner
Print Name: Cody Brauner
Firm: Endeavor Environmental Services, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name: Wegner Property (Former)			License/Permit/Monitoring Number	Boring Number: MW-4
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Landon Last Name: Firm: Giess Soil Samples LLC			Date Drilling Started: 12/19/2011	Date Drilling Completed: 12/19/2011	Drilling Method: hollow stem auger
WI Unique Well No.: VW243	DNR Well ID No.:	Well Name: MW-4	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 6.25 inches
Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒ State Plane _____ N, _____ E NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E			Lat ° ' " Long ° ' "	Local Grid Location _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
Facility ID	County: SHAWANO	County Code: 59	Civil Town/City/ or Village: Cecil		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1			2 4 6 8 10 12 14 16	0.0 - 15.0 Earth drilled to 15 feet below ground surface										

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

Signature _____ Firm: Endeavor Environmental Services, Inc.

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State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Wegner Property (Former)	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☒) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VW243 / DNR Well ID No.:
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 12 / 19 / 2011 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: NE 1/4 of NE 1/4 of Sec. 20, T. 27 N, R. 17 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Landon / Giess Soil Sampels LLC
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number:

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☒ SC ☐ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 3.5 ft.

G. Filter pack, top _____ ft. MSL or 4 ft.

H. Screen joint, top _____ ft. MSL or 4 ft.

I. Well bottom _____ ft. MSL or 14 ft.

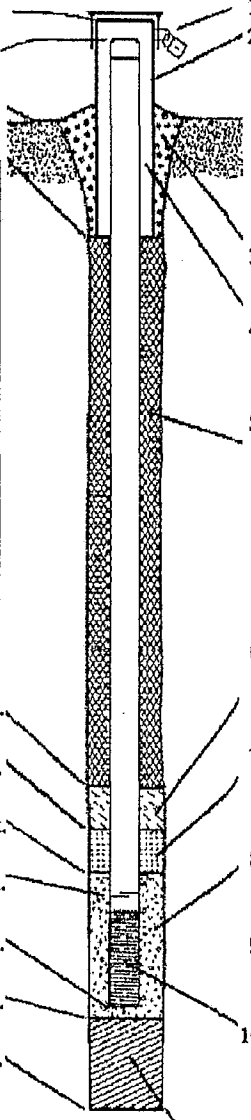
J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 6.25 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.06 in.



1. Cap and lock? ☐ Yes ☒ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 1 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. Fine sand
b. Volume added 0.5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Coarse sand
b. Volume added 6 ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature	Firm
	Endeavor Environmental Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Wegner Property (Former)	SHAWANO	MW-4
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	59	VW243	

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	☐	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	[X]	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 6 min.

4. Depth of well (from top of well casisng) 14.3 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 2 gal.

7. Volume of water removed from well 5 gal.

8. Volume of water added (if any) ____ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.66 ft.	____ ft.
Date	b. __/__/____	12/27/2011
Time	c. 11:23 [X] a.m. ☐ p.m.	11:29 [X] a.m. ☐ p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	____ mg/l	____ mg/l
15. COD	____ mg/l	____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Cody Last Name: Brauner
Firm: Endeavor Environmental Services, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Steven Last Name: Bartz
Facility/Firm: Wegner Property (Former)
Street: 301 S Zachow Street
City/State/Zip: Cecil WI 54111-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Cody Brauner
Firm: Endeavor Environmental Services, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Wegner Property (Former)		MW-10

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Tony Last Name:	4 / 17 / 2012 (m m / d d / y y y y)	4 / 17 / 2012 (m m / d d / y y y y)	hollow stem auger
Firm: On-Site Environmental Services, Inc.			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VW272		MW-10	_____ Feet MSL	_____ Feet MSL	6.25 inches

Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒
State Plane _____ N, _____ E
NE 1/4 of NE 1/4 of Section 20, T 27 N, R 17 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	SHAWANO	59	Cecil

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S-1	24		2	0.0 - 3.0 Moist, brown loamy clay	CL-M			0.0						
S-2	24		4	3.0 - 5.0 Moist, brown loamy clay	CL-M			0.0						
S-3	24		6	5.0 - 7.0 Moist, brown loamy clay	CL-M			0.0						Lab Sample
S-4	24		8	7.0 - 9.0 Moist, brown loamy clay	CL-M			0.0						Lab Sample
S-5	12		10	9.0 - 10.0 Moist, brown loamy clay	CL-M			0.0						
EOB			12	10.0 - 15.0 Drilled without sampling.										
			14											
			16											

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

Signature	Firm
	Endeavor Environmental Services, Inc.

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State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Wegner Property (Former)	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-10
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☒) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VW272 / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 4 / 17 / 2012 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: NE 1/4 of NE 1/4 of Sec. 20, T. 27 N, R. 17 ☒ E ☐ W	Well Installed By: Name (first, last) and Firm: Tony; On-Site Environmental Services, Inc.
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 3.5 ft.

G. Filter pack, top _____ ft. MSL or 4 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 15 ft.

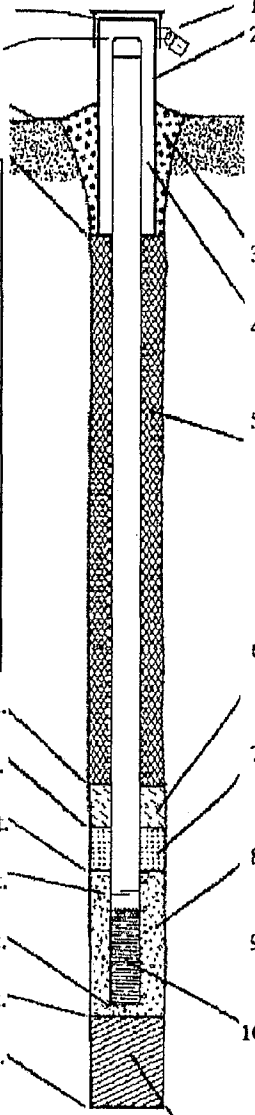
J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 6.25 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.06 in.



1. Cap and lock? ☐ Yes ☒ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. Fine sand
b. Volume added 0.5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Coarse Sand
b. Volume added 6 ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature: Mark Cox | Firm: Endeavor Environmental Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Wegner Property (Former)	SHAWANO	MW-10
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	59	VW272 /

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	[X] 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well: 10 min.

4. Depth of well (from top of well casisng): 14.2 ft.

5. Inside diameter of well: 2.06 in.

6. Volume of water in filter pack and well casing: 1.9 gal.

7. Volume of water removed from well: 5 gal.

8. Volume of water added (if any): ____ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 7.13 ft.	____ ft.
Date	b. __/__/____ m m d d y y y y	4/19/2012 m m d d y y y y
Time	c. 04 : 05 ☐ a.m. [X] p.m.	04 : 15 ☐ a.m. [X] p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____ mg/l	____ mg/l
15. COD	____ mg/l	____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Joseph Last Name: Ramcheck
Firm: Endeavor Environmental Services, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Steven Last Name: Bartz
Facility/Firm: _____
Street: 301 S Zachow Street
City/State/Zip: Cecil WI 54111-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Joseph M. Ramcheck
Firm: Endeavor Environmental Services, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

Endeavor
ENVIRONMENTAL SERVICES, INC.

APPENDIX D

Hydraulic Conductivity Tests

Slug Test Analysis - Bouwer & Rice

Client:	Wegner Property (Former)
Proj. No:	P101397.40
Test by:	Cody Brauner
Test Date:	01/12/12

Well ID: MW-3

Hydraulic conductivity (K):
5.27E-09 cm/sec
4.2 ft/day

User Input Data

Aquifer Thickness	6.16
Well Length (L_W)	6.16
Intake Length (L_I)	10.00
Well Radius (R_W)	0.344
Casing Radius(R_C)	0.344
Xform ratio, m [$(K_h/K_v)^{0.5}$]	1
Sandpack Porosity	0.270
Slug Volume	0.031
Static Level	0.000
Offset time	0.000

R_{equiv}	-1.000	-1.000	-1.000
Estimated Porosity & R_W		-1.000	-1.000
$\ln(R_E/R_W)$		2.112	-1.000
Shape Factor *warning 2*		17.555	-1.000

Drawdown:	Max. Y_t	Regr. Y_o	Casing Y_o
	8.15	8.11	0.08

CHECK WATER BALANCE - Regressed v. Casing Yo

(undrained)
(unconfined)

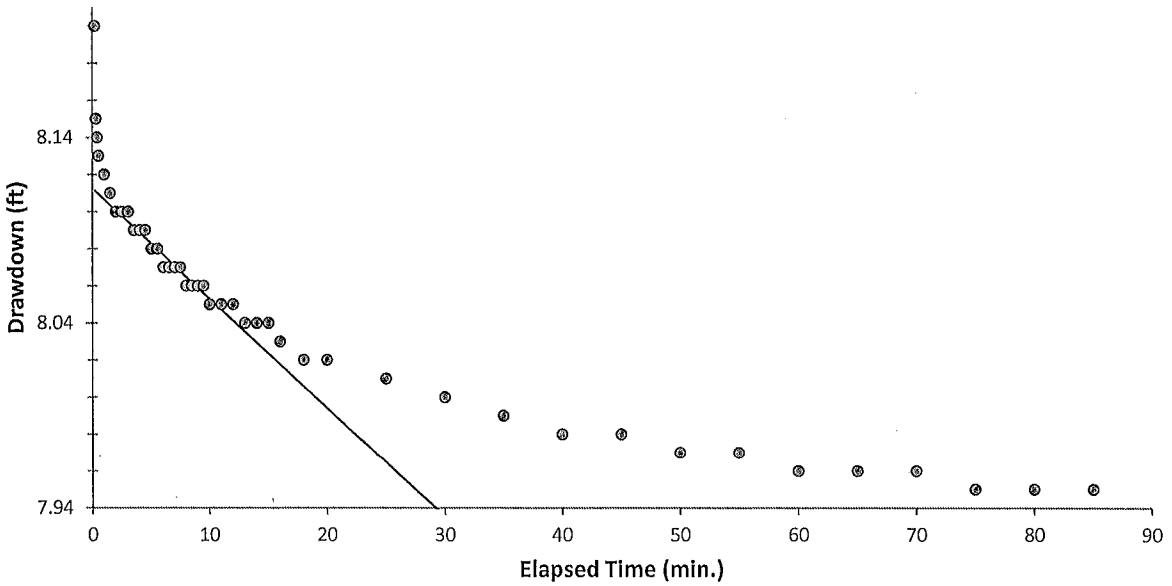
		Drained Options			
		A	B	C	D
		Undrained	User n/R_W	Est. n	Est. R_W
Bouwer & Rice	(m/sec)	1.5E-05			
	(ft/day)	4.22			

Potentially acceptable solutions:

Conversion factor for user units: (ft/day) 283000

Intercept		2.093
Slope		-0.001
No. of Observations		20
Starting Row	65	
Ending Row	85	

COMMENTS:



Time (min)	level (feet)	Drawdown Y(t)	ln(Y)		Est. ln(Y)	Regression Range
0.100						
0.200	8.200	8.200	2.104		8.111	
0.300	8.150	8.150	2.098		8.111	
0.400	8.140	8.140	2.097		8.110	
0.500	8.130	8.130	2.096		8.110	
1.000	8.120	8.120	2.094		8.107	
1.500	8.110	8.110	2.093	2.093	8.104	<==
2.000	8.100	8.100	2.092	2.092	8.101	<==
2.500	8.100	8.100	2.092	2.092	8.098	<==
3.000	8.100	8.100	2.092	2.092	8.095	<==
3.500	8.090	8.090	2.091	2.091	8.092	
4.000	8.090	8.090	2.091	2.091	8.089	
4.500	8.090	8.090	2.091	2.091	8.086	
5.000	8.080	8.080	2.089	2.089	8.083	
5.500	8.080	8.080	2.089	2.089	8.080	
6.000	8.070	8.070	2.088	2.088	8.077	
6.500	8.070	8.070	2.088	2.088	8.074	
7.000	8.070	8.070	2.088	2.088	8.071	
7.500	8.070	8.070	2.088	2.088	8.068	
8.000	8.060	8.060	2.087	2.087	8.065	
8.500	8.060	8.060	2.087	2.087	8.062	
9.000	8.060	8.060	2.087	2.087	8.059	
9.500	8.060	8.060	2.087	2.087	8.056	
10.000	8.050	8.050	2.086	2.086	8.053	
11.000	8.050	8.050	2.086	2.086	8.047	
12.000	8.050	8.050	2.086	2.086	8.041	
13.000	8.040	8.040	2.084	2.084	8.035	
14.000	8.040	8.040	2.084		8.029	
15.000	8.040	8.040	2.084		8.024	
16.000	8.030	8.030	2.083		8.018	
18.000	8.020	8.020	2.082		8.006	
20.000	8.020	8.020	2.082		7.994	
25.000	8.010	8.010	2.081		7.965	
30.000	8.000	8.000	2.079		7.936	
35.000	7.990	7.990	2.078		7.906	
40.000	7.980	7.980	2.077		7.877	
45.000	7.980	7.980	2.077		7.849	
50.000	7.970	7.970	2.076		7.820	
55.000	7.970	7.970	2.076		7.791	
60.000	7.960	7.960	2.074		7.762	
65.000	7.960	7.960	2.074		7.734	
70.000	7.960	7.960	2.074		7.706	
75.000	7.950	7.950	2.073		7.677	
80.000	7.950	7.950	2.073		7.649	
85.000	7.950	7.950	2.073		7.621	
90.000	7.950	7.950	2.073		7.593	

Slug Test Analysis - Bouwer & Rice

Client: Wegner Property (Former)
Proj. No: P101397.40
Test by: Cody Brauner
Test Date: 01/12/12

Well ID: MW-4

Hydraulic conductivity (K):
5.29E-09 cm/sec
4.2 ft/day

User Input Data

Aquifer Thickness	6.85
Well Length (L_W)	6.85
Intake Length (L_I)	10.00
Well Radius (R_W)	0.344
Casing Radius(R_C)	0.344
Xform ratio, m [$(K_h/K_v)^{0.5}$]	1
Sandpack Porosity	0.270
Slug Volume	0.031
Static Level	0.000
Offset time	0.000

R_{equiv}	-1.000	-1.000	-1.000
Estimated Porosity & R_W		-1.000	-1.000
$\ln(R_E/R_W)$		2.199	-1.000
Shape Factor *warning 2*		17.050	-1.000

Drawdown:	Max. Y_t	Regr. Y_o	Casing Y_o
	7.63	7.60	0.08

CHECK WATER BALANCE - Regressed v. Casing Yo

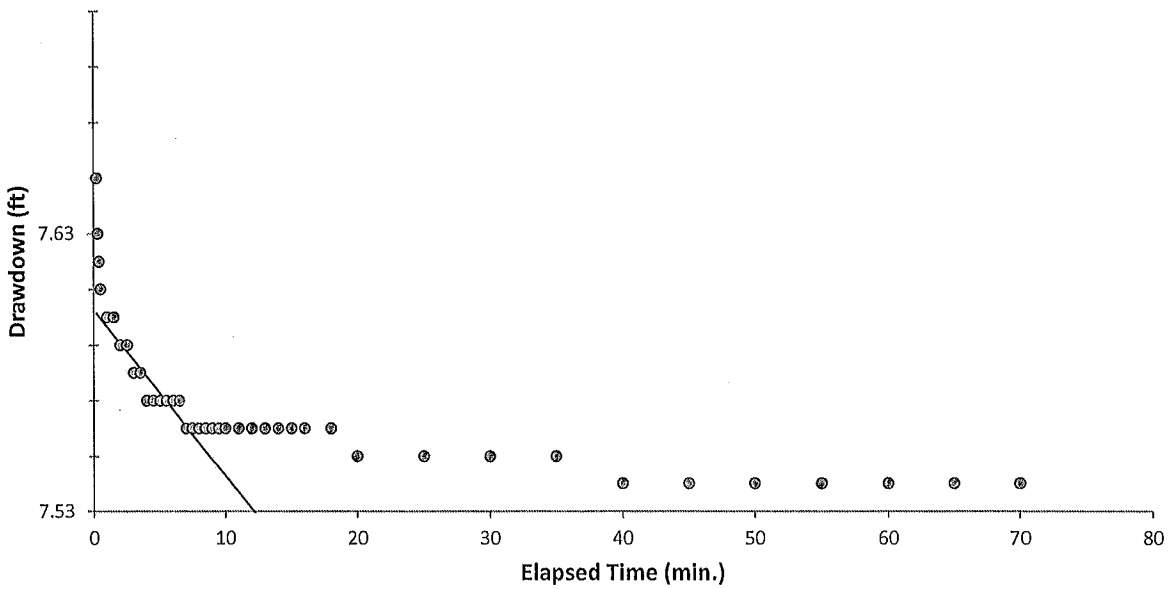
(undrained)
(unconfined)

			Drained Options		
		A	B	C	D
		Undrained	User n/R_W	Est. n	Est. R_W
Bouwer & Rice	(m/sec)	1.5E-05			
	(ft/day)	4.24			

Potentially acceptable solutions:
Conversion factor for user units: (ft/day) 283000

Intercept		2.028
Slope		-0.001
No. of Observations		14
Starting Row	64	
Ending Row	77	

COMMENTS:



Time (min)	level (feet)	Drawdown Y(t)	ln(Y)		Est. ln(Y)	Regression Range
0.100	7.700					
0.200	7.650	7.650	2.035		7.601	
0.300	7.630	7.630	2.032		7.601	
0.400	7.620	7.620	2.031		7.600	
0.500	7.610	7.610	2.029		7.600	
1.000	7.600	7.600	2.028	2.028	7.597	<==
1.500	7.600	7.600	2.028	2.028	7.594	<==
2.000	7.590	7.590	2.027	2.027	7.591	<==
2.500	7.590	7.590	2.027	2.027	7.588	<==
3.000	7.580	7.580	2.026	2.026	7.585	<==
3.500	7.580	7.580	2.026	2.026	7.582	
4.000	7.570	7.570	2.024	2.024	7.579	
4.500	7.570	7.570	2.024	2.024	7.576	
5.000	7.570	7.570	2.024	2.024	7.573	
5.500	7.570	7.570	2.024	2.024	7.570	
6.000	7.570	7.570	2.024	2.024	7.567	
6.500	7.570	7.570	2.024	2.024	7.564	
7.000	7.560	7.560	2.023	2.023	7.561	
7.500	7.560	7.560	2.023	2.023	7.558	
8.000	7.560	7.560	2.023		7.555	
8.500	7.560	7.560	2.023		7.552	
9.000	7.560	7.560	2.023		7.549	
9.500	7.560	7.560	2.023		7.546	
10.000	7.560	7.560	2.023		7.543	
11.000	7.560	7.560	2.023		7.537	
12.000	7.560	7.560	2.023		7.531	
13.000	7.560	7.560	2.023		7.525	
14.000	7.560	7.560	2.023		7.519	
15.000	7.560	7.560	2.023		7.513	
16.000	7.560	7.560	2.023		7.507	
18.000	7.560	7.560	2.023		7.495	
20.000	7.550	7.550	2.022		7.484	
25.000	7.550	7.550	2.022		7.454	
30.000	7.550	7.550	2.022		7.425	
35.000	7.550	7.550	2.022		7.396	
40.000	7.540	7.540	2.020		7.366	
45.000	7.540	7.540	2.020		7.337	
50.000	7.540	7.540	2.020		7.309	
55.000	7.540	7.540	2.020		7.280	
60.000	7.540	7.540	2.020		7.251	
65.000	7.540	7.540	2.020		7.223	
70.000	7.540	7.540	2.020		7.194	

Endeavor
ENVIRONMENTAL SERVICES, INC.

APPENDIX E

Soil and Groundwater Sample Laboratory Analytical Reports

Pace Analytical®
www.pacelabs.com

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

December 13, 2011

Joe Ramcheck
ENDEAVOR ENVIRONMENTAL SERVICES, INC.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

Dear Joe Ramcheck:
Enclosed are the analytical results for sample(s) received by the laboratory on December 09, 2011. 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

Pace Analytical®
www.pacelabs.com

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

CERTIFICATIONS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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

SAMPLE SUMMARY

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4054574001	GP-1	Water	12/07/11 17:45	12/09/11 09:25
4054574002	GP-3	Water	12/07/11 17:35	12/09/11 09:25
4054574003	TRIP BLANK	Water	12/07/11 00:00	12/09/11 09:25

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

SAMPLE ANALYTE COUNT

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4054574001	GP-1	EPA 8260	SMT	64	PASI-G
4054574002	GP-3	EPA 8260	SMT	64	PASI-G
4054574003	TRIP BLANK	EPA 8260	SMT	64	PASI-G

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

PROJECT NARRATIVE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

Method: **EPA 8260**
Description: 8260 MSV
Client: ENDEAVOR ENVIRONMENTAL SERVICES, INC.
Date: December 13, 2011

General Information:
3 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.
- GP-3 (Lab ID: 4054574002)

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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

ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

Sample: GP-1 **Lab ID: 4054574001** Collected: 12/07/11 17:45 Received: 12/09/11 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**7770**	ug/L	250	102	250		12/12/11 16:58	71-43-2	
Bromobenzene	**<205**	ug/L	250	205	250		12/12/11 16:58	108-86-1	
Bromochloromethane	**<242**	ug/L	250	242	250		12/12/11 16:58	74-97-5	
Bromodichloromethane	**<140**	ug/L	250	140	250		12/12/11 16:58	75-27-4	
Bromoform	**<235**	ug/L	250	235	250		12/12/11 16:58	75-25-2	
Bromomethane	**<228**	ug/L	250	228	250		12/12/11 16:58	74-83-9	
n-Butylbenzene	**<232**	ug/L	250	232	250		12/12/11 16:58	104-51-8	
sec-Butylbenzene	**<222**	ug/L	1250	222	250		12/12/11 16:58	135-98-8	
tert-Butylbenzene	**<242**	ug/L	250	242	250		12/12/11 16:58	98-06-6	
Carbon tetrachloride	**<122**	ug/L	250	122	250		12/12/11 16:58	56-23-5	
Chlorobenzene	**<102**	ug/L	250	102	250		12/12/11 16:58	108-90-7	
Chloroethane	**<242**	ug/L	250	242	250		12/12/11 16:58	75-00-3	
Chloroform	**<325**	ug/L	1250	325	250		12/12/11 16:58	67-66-3	
Chloromethane	**<60.0**	ug/L	250	60.0	250		12/12/11 16:58	74-87-3	
2-Chlorotoluene	**<212**	ug/L	250	212	250		12/12/11 16:58	95-49-8	
4-Chlorotoluene	**<185**	ug/L	250	185	250		12/12/11 16:58	106-43-4	
1,2-Dibromo-3-chloropropane	**<420**	ug/L	1250	420	250		12/12/11 16:58	96-12-8	
Dibromochloromethane	**<202**	ug/L	250	202	250		12/12/11 16:58	124-48-1	
1,2-Dibromoethane (EDB)	**<140**	ug/L	250	140	250		12/12/11 16:58	106-93-4	
Dibromomethane	**<150**	ug/L	250	150	250		12/12/11 16:58	74-95-3	
1,2-Dichlorobenzene	**<208**	ug/L	250	208	250		12/12/11 16:58	95-50-1	
1,3-Dichlorobenzene	**<218**	ug/L	250	218	250		12/12/11 16:58	541-73-1	
1,4-Dichlorobenzene	**<238**	ug/L	250	238	250		12/12/11 16:58	106-46-7	
Dichlorodifluoromethane	**<248**	ug/L	250	248	250		12/12/11 16:58	75-71-8	
1,1-Dichloroethane	**<188**	ug/L	250	188	250		12/12/11 16:58	75-34-3	
1,2-Dichloroethane	**<90.0**	ug/L	250	90.0	250		12/12/11 16:58	107-06-2	
1,1-Dichloroethene	**<142**	ug/L	250	142	250		12/12/11 16:58	75-35-4	
cis-1,2-Dichloroethene	**<208**	ug/L	250	208	250		12/12/11 16:58	156-59-2	
trans-1,2-Dichloroethene	**<222**	ug/L	250	222	250		12/12/11 16:58	156-60-5	
1,2-Dichloropropane	**<122**	ug/L	250	122	250		12/12/11 16:58	78-87-5	
1,3-Dichloropropane	**<152**	ug/L	250	152	250		12/12/11 16:58	142-28-9	
2,2-Dichloropropane	**<155**	ug/L	250	155	250		12/12/11 16:58	594-20-7	
1,1-Dichloropropene	**<188**	ug/L	250	188	250		12/12/11 16:58	563-58-6	
cis-1,3-Dichloropropene	**<50.0**	ug/L	250	50.0	250		12/12/11 16:58	10061-01-5	
trans-1,3-Dichloropropene	**<47.5**	ug/L	250	47.5	250		12/12/11 16:58	10061-02-6	
Diisopropyl ether	**<190**	ug/L	250	190	250		12/12/11 16:58	108-20-3	
Ethylbenzene	**1530**	ug/L	250	135	250		12/12/11 16:58	100-41-4	
Hexachloro-1,3-butadiene	**<168**	ug/L	1250	168	250		12/12/11 16:58	87-68-3	
Isopropylbenzene (Cumene)	**<148**	ug/L	250	148	250		12/12/11 16:58	98-82-8	
p-Isopropyltoluene	**<168**	ug/L	250	168	250		12/12/11 16:58	99-87-6	
Methylene Chloride	**335**	ug/L	250	108	250		12/12/11 16:58	75-09-2	Z3
Methyl-tert-butyl ether	**<152**	ug/L	250	152	250		12/12/11 16:58	1634-04-4	
Naphthalene	**<222**	ug/L	1250	222	250		12/12/11 16:58	91-20-3	
n-Propylbenzene	**<202**	ug/L	250	202	250		12/12/11 16:58	103-65-1	
Styrene	**<215**	ug/L	250	215	250		12/12/11 16:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<230**	ug/L	250	230	250		12/12/11 16:58	630-20-6	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

Sample: GP-1 **Lab ID: 4054574001** Collected: 12/07/11 17:45 Received: 12/09/11 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<50.0**	ug/L	250	50.0	250		12/12/11 16:58	79-34-5	
Tetrachloroethene	**<112**	ug/L	250	112	250		12/12/11 16:58	127-18-4	
Toluene	**5440**	ug/L	250	168	250		12/12/11 16:58	108-88-3	
1,2,3-Trichlorobenzene	**<185**	ug/L	250	185	250		12/12/11 16:58	87-61-6	
1,2,4-Trichlorobenzene	**<242**	ug/L	1250	242	250		12/12/11 16:58	120-82-1	
1,1,1-Trichloroethane	**<225**	ug/L	250	225	250		12/12/11 16:58	71-55-6	
1,1,2-Trichloroethane	**<105**	ug/L	250	105	250		12/12/11 16:58	79-00-5	
Trichloroethene	**<120**	ug/L	250	120	250		12/12/11 16:58	79-01-6	
Trichlorofluoromethane	**<198**	ug/L	250	198	250		12/12/11 16:58	75-69-4	
1,2,3-Trichloropropane	**<248**	ug/L	250	248	250		12/12/11 16:58	96-18-4	
1,2,4-Trimethylbenzene	**1030**	ug/L	250	242	250		12/12/11 16:58	95-63-6	
1,3,5-Trimethylbenzene	**328**	ug/L	250	208	250		12/12/11 16:58	108-67-8	
Vinyl chloride	**<45.0**	ug/L	250	45.0	250		12/12/11 16:58	75-01-4	
m&p-Xylene	**6270**	ug/L	500	450	250		12/12/11 16:58	179601-23-1	
o-Xylene	**1790**	ug/L	250	208	250		12/12/11 16:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%.	70-130		250		12/12/11 16:58	460-00-4	
Dibromofluoromethane (S)	94	%.	70-130		250		12/12/11 16:58	1868-53-7	
Toluene-d8 (S)	84	%.	70-130		250		12/12/11 16:58	2037-26-5	

Sample: GP-3 **Lab ID: 4054574002** Collected: 12/07/11 17:35 Received: 12/09/11 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<20.5**	ug/L	50.0	20.5	50		12/13/11 08:37	71-43-2	
Bromobenzene	**<41.0**	ug/L	50.0	41.0	50		12/13/11 08:37	108-86-1	
Bromochloromethane	**<48.5**	ug/L	50.0	48.5	50		12/13/11 08:37	74-97-5	
Bromodichloromethane	**<28.0**	ug/L	50.0	28.0	50		12/13/11 08:37	75-27-4	
Bromoform	**<47.0**	ug/L	50.0	47.0	50		12/13/11 08:37	75-25-2	
Bromomethane	**<45.5**	ug/L	50.0	45.5	50		12/13/11 08:37	74-83-9	
n-Butylbenzene	**<46.5**	ug/L	50.0	46.5	50		12/13/11 08:37	104-51-8	
sec-Butylbenzene	**<44.5**	ug/L	250	44.5	50		12/13/11 08:37	135-98-8	
tert-Butylbenzene	**<48.5**	ug/L	50.0	48.5	50		12/13/11 08:37	98-06-6	
Carbon tetrachloride	**<24.5**	ug/L	50.0	24.5	50		12/13/11 08:37	56-23-5	
Chlorobenzene	**<20.5**	ug/L	50.0	20.5	50		12/13/11 08:37	108-90-7	
Chloroethane	**<48.5**	ug/L	50.0	48.5	50		12/13/11 08:37	75-00-3	
Chloroform	**<65.0**	ug/L	250	65.0	50		12/13/11 08:37	67-66-3	
Chloromethane	**<12.0**	ug/L	50.0	12.0	50		12/13/11 08:37	74-87-3	
2-Chlorotoluene	**<42.5**	ug/L	50.0	42.5	50		12/13/11 08:37	95-49-8	
4-Chlorotoluene	**<37.0**	ug/L	50.0	37.0	50		12/13/11 08:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<84.0**	ug/L	250	84.0	50		12/13/11 08:37	96-12-8	
Dibromochloromethane	**<40.5**	ug/L	50.0	40.5	50		12/13/11 08:37	124-48-1	
1,2-Dibromoethane (EDB)	**<28.0**	ug/L	50.0	28.0	50		12/13/11 08:37	106-93-4	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

Sample: GP-3 **Lab ID: 4054574002** Collected: 12/07/11 17:35 Received: 12/09/11 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<30.0**	ug/L	50.0	30.0	50		12/13/11 08:37	74-95-3	
1,2-Dichlorobenzene	**<41.5**	ug/L	50.0	41.5	50		12/13/11 08:37	95-50-1	
1,3-Dichlorobenzene	**<43.5**	ug/L	50.0	43.5	50		12/13/11 08:37	541-73-1	
1,4-Dichlorobenzene	**<47.5**	ug/L	50.0	47.5	50		12/13/11 08:37	106-46-7	
Dichlorodifluoromethane	**<49.5**	ug/L	50.0	49.5	50		12/13/11 08:37	75-71-8	
1,1-Dichloroethane	**<37.5**	ug/L	50.0	37.5	50		12/13/11 08:37	75-34-3	
1,2-Dichloroethane	**<18.0**	ug/L	50.0	18.0	50		12/13/11 08:37	107-06-2	
1,1-Dichloroethene	**<28.5**	ug/L	50.0	28.5	50		12/13/11 08:37	75-35-4	
cis-1,2-Dichloroethene	**<41.5**	ug/L	50.0	41.5	50		12/13/11 08:37	156-59-2	
trans-1,2-Dichloroethene	**<44.5**	ug/L	50.0	44.5	50		12/13/11 08:37	156-60-5	
1,2-Dichloropropane	**<24.5**	ug/L	50.0	24.5	50		12/13/11 08:37	78-87-5	
1,3-Dichloropropane	**<30.5**	ug/L	50.0	30.5	50		12/13/11 08:37	142-28-9	
2,2-Dichloropropane	**<31.0**	ug/L	50.0	31.0	50		12/13/11 08:37	594-20-7	
1,1-Dichloropropene	**<37.5**	ug/L	50.0	37.5	50		12/13/11 08:37	563-58-6	
cis-1,3-Dichloropropene	**<10.0**	ug/L	50.0	10.0	50		12/13/11 08:37	10061-01-5	
trans-1,3-Dichloropropene	**<9.5**	ug/L	50.0	9.5	50		12/13/11 08:37	10061-02-6	
Diisopropyl ether	**<38.0**	ug/L	50.0	38.0	50		12/13/11 08:37	108-20-3	
Ethylbenzene	**2720**	ug/L	50.0	27.0	50		12/13/11 08:37	100-41-4	
Hexachloro-1,3-butadiene	**<33.5**	ug/L	250	33.5	50		12/13/11 08:37	87-68-3	
Isopropylbenzene (Cumene)	**103**	ug/L	50.0	29.5	50		12/13/11 08:37	98-82-8	
p-Isopropyltoluene	**<33.5**	ug/L	50.0	33.5	50		12/13/11 08:37	99-87-6	
Methylene Chloride	**<21.5**	ug/L	50.0	21.5	50		12/13/11 08:37	75-09-2	
Methyl-tert-butyl ether	**<30.5**	ug/L	50.0	30.5	50		12/13/11 08:37	1634-04-4	
Naphthalene	**467**	ug/L	250	44.5	50		12/13/11 08:37	91-20-3	
n-Propylbenzene	**428**	ug/L	50.0	40.5	50		12/13/11 08:37	103-65-1	
Styrene	**<43.0**	ug/L	50.0	43.0	50		12/13/11 08:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<46.0**	ug/L	50.0	46.0	50		12/13/11 08:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<10.0**	ug/L	50.0	10.0	50		12/13/11 08:37	79-34-5	
Tetrachloroethene	**<22.5**	ug/L	50.0	22.5	50		12/13/11 08:37	127-18-4	
Toluene	**161**	ug/L	50.0	33.5	50		12/13/11 08:37	108-88-3	
1,2,3-Trichlorobenzene	**<37.0**	ug/L	50.0	37.0	50		12/13/11 08:37	87-61-6	
1,2,4-Trichlorobenzene	**<48.5**	ug/L	250	48.5	50		12/13/11 08:37	120-82-1	
1,1,1-Trichloroethane	**<45.0**	ug/L	50.0	45.0	50		12/13/11 08:37	71-55-6	
1,1,2-Trichloroethane	**<21.0**	ug/L	50.0	21.0	50		12/13/11 08:37	79-00-5	
Trichloroethene	**<24.0**	ug/L	50.0	24.0	50		12/13/11 08:37	79-01-6	
Trichlorofluoromethane	**<39.5**	ug/L	50.0	39.5	50		12/13/11 08:37	75-69-4	
1,2,3-Trichloropropane	**<49.5**	ug/L	50.0	49.5	50		12/13/11 08:37	96-18-4	
1,2,4-Trimethylbenzene	**2930**	ug/L	50.0	48.5	50		12/13/11 08:37	95-63-6	
1,3,5-Trimethylbenzene	**1070**	ug/L	50.0	41.5	50		12/13/11 08:37	108-67-8	
Vinyl chloride	**<9.0**	ug/L	50.0	9.0	50		12/13/11 08:37	75-01-4	
m&p-Xylene	**8120**	ug/L	100	90.0	50		12/13/11 08:37	179601-23-1	
o-Xylene	**334**	ug/L	50.0	41.5	50		12/13/11 08:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%.	70-130		50		12/13/11 08:37	460-00-4	
Dibromofluoromethane (S)	86	%.	70-130		50		12/13/11 08:37	1868-53-7	pH
Toluene-d8 (S)	82	%.	70-130		50		12/13/11 08:37	2037-26-5	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

Sample: TRIP BLANK **Lab ID: 4054574003** Collected: 12/07/11 00:00 Received: 12/09/11 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/12/11 11:16	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/12/11 11:16	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/12/11 11:16	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/12/11 11:16	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/12/11 11:16	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/12/11 11:16	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/12/11 11:16	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/12/11 11:16	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/12/11 11:16	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/12/11 11:16	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/12/11 11:16	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/12/11 11:16	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/12/11 11:16	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/12/11 11:16	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/12/11 11:16	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/12/11 11:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/12/11 11:16	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/12/11 11:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/12/11 11:16	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/12/11 11:16	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/12/11 11:16	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/12/11 11:16	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/12/11 11:16	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/12/11 11:16	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/12/11 11:16	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/12/11 11:16	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/12/11 11:16	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/12/11 11:16	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/12/11 11:16	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/12/11 11:16	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/12/11 11:16	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/12/11 11:16	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/12/11 11:16	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/12/11 11:16	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/12/11 11:16	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/12/11 11:16	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/12/11 11:16	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/12/11 11:16	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/12/11 11:16	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/12/11 11:16	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/12/11 11:16	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/12/11 11:16	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/12/11 11:16	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/12/11 11:16	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/12/11 11:16	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/12/11 11:16	630-20-6	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

Sample: TRIP BLANK **Lab ID: 4054574003** Collected: 12/07/11 00:00 Received: 12/09/11 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/12/11 11:16	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/12/11 11:16	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/12/11 11:16	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/12/11 11:16	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/12/11 11:16	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/12/11 11:16	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/12/11 11:16	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/12/11 11:16	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/12/11 11:16	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/12/11 11:16	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/12/11 11:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/12/11 11:16	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/12/11 11:16	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/12/11 11:16	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/12/11 11:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	80	%.	70-130		1		12/12/11 11:16	460-00-4	
Dibromofluoromethane (S)	90	%.	70-130		1		12/12/11 11:16	1868-53-7	
Toluene-d8 (S)	81	%.	70-130		1		12/12/11 11:16	2037-26-5	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

QC Batch: MSV/13568 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4054574001, 4054574002, 4054574003

METHOD BLANK: 544906 Matrix: Water
Associated Lab Samples: 4054574001, 4054574002, 4054574003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	12/12/11 07:47	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	12/12/11 07:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	12/12/11 07:47	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	12/12/11 07:47	
1,1-Dichloroethane	ug/L	<0.75	1.0	12/12/11 07:47	
1,1-Dichloroethene	ug/L	<0.57	1.0	12/12/11 07:47	
1,1-Dichloropropene	ug/L	<0.75	1.0	12/12/11 07:47	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	12/12/11 07:47	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	12/12/11 07:47	
1,2,4-Trichlorobenzene	ug/L	<0.97	5.0	12/12/11 07:47	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	12/12/11 07:47	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	12/12/11 07:47	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	12/12/11 07:47	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	12/12/11 07:47	
1,2-Dichloroethane	ug/L	<0.36	1.0	12/12/11 07:47	
1,2-Dichloropropane	ug/L	<0.49	1.0	12/12/11 07:47	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	12/12/11 07:47	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	12/12/11 07:47	
1,3-Dichloropropane	ug/L	<0.61	1.0	12/12/11 07:47	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	12/12/11 07:47	
2,2-Dichloropropane	ug/L	<0.62	1.0	12/12/11 07:47	
2-Chlorotoluene	ug/L	<0.85	1.0	12/12/11 07:47	
4-Chlorotoluene	ug/L	<0.74	1.0	12/12/11 07:47	
Benzene	ug/L	<0.41	1.0	12/12/11 07:47	
Bromobenzene	ug/L	<0.82	1.0	12/12/11 07:47	
Bromochloromethane	ug/L	<0.97	1.0	12/12/11 07:47	
Bromodichloromethane	ug/L	<0.56	1.0	12/12/11 07:47	
Bromoform	ug/L	<0.94	1.0	12/12/11 07:47	
Bromomethane	ug/L	<0.91	1.0	12/12/11 07:47	
Carbon tetrachloride	ug/L	<0.49	1.0	12/12/11 07:47	
Chlorobenzene	ug/L	<0.41	1.0	12/12/11 07:47	
Chloroethane	ug/L	<0.97	1.0	12/12/11 07:47	
Chloroform	ug/L	<1.3	5.0	12/12/11 07:47	
Chloromethane	ug/L	<0.24	1.0	12/12/11 07:47	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	12/12/11 07:47	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	12/12/11 07:47	
Dibromochloromethane	ug/L	<0.81	1.0	12/12/11 07:47	
Dibromomethane	ug/L	<0.60	1.0	12/12/11 07:47	
Dichlorodifluoromethane	ug/L	<0.99	1.0	12/12/11 07:47	
Diisopropyl ether	ug/L	<0.76	1.0	12/12/11 07:47	
Ethylbenzene	ug/L	<0.54	1.0	12/12/11 07:47	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	12/12/11 07:47	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	12/12/11 07:47	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

METHOD BLANK: 544906 Matrix: Water

Associated Lab Samples: 4054574001, 4054574002, 4054574003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.8	2.0	12/12/11 07:47	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	12/12/11 07:47	
Methylene Chloride	ug/L	<0.43	1.0	12/12/11 07:47	
n-Butylbenzene	ug/L	<0.93	1.0	12/12/11 07:47	
n-Propylbenzene	ug/L	<0.81	1.0	12/12/11 07:47	
Naphthalene	ug/L	<0.89	5.0	12/12/11 07:47	
o-Xylene	ug/L	<0.83	1.0	12/12/11 07:47	
p-Isopropyltoluene	ug/L	<0.67	1.0	12/12/11 07:47	
sec-Butylbenzene	ug/L	<0.89	5.0	12/12/11 07:47	
Styrene	ug/L	<0.86	1.0	12/12/11 07:47	
tert-Butylbenzene	ug/L	<0.97	1.0	12/12/11 07:47	
Tetrachloroethene	ug/L	<0.45	1.0	12/12/11 07:47	
Toluene	ug/L	<0.67	1.0	12/12/11 07:47	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	12/12/11 07:47	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	12/12/11 07:47	
Trichloroethene	ug/L	<0.48	1.0	12/12/11 07:47	
Trichlorofluoromethane	ug/L	<0.79	1.0	12/12/11 07:47	
Vinyl chloride	ug/L	<0.18	1.0	12/12/11 07:47	
4-Bromofluorobenzene (S)	%.	83	70-130	12/12/11 07:47	
Dibromofluoromethane (S)	%.	84	70-130	12/12/11 07:47	
Toluene-d8 (S)	%.	83	70-130	12/12/11 07:47	

LABORATORY CONTROL SAMPLE & LCSD: 544907 544908

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.0	57.0	112	114	70-133	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	46.3	46.8	93	94	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	48.2	49.1	96	98	70-130	2	20	
1,1-Dichloroethane	ug/L	50	56.5	56.9	113	114	70-130	.8	20	
1,1-Dichloroethene	ug/L	50	57.2	57.5	114	115	70-130	.6	20	
1,2,4-Trichlorobenzene	ug/L	50	47.2	47.3	94	95	70-130	.2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	41.9	43.0	84	86	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	50	49.9	52.7	100	105	70-130	6	20	
1,2-Dichlorobenzene	ug/L	50	48.4	48.8	97	98	70-130	.9	20	
1,2-Dichloroethane	ug/L	50	53.8	53.5	108	107	70-145	.5	20	
1,2-Dichloropropane	ug/L	50	58.2	59.6	116	119	70-130	2	20	
1,3-Dichlorobenzene	ug/L	50	47.2	47.2	94	94	70-130	.08	20	
1,4-Dichlorobenzene	ug/L	50	48.5	48.6	97	97	70-130	.02	20	
Benzene	ug/L	50	56.0	56.8	112	114	70-130	1	20	
Bromodichloromethane	ug/L	50	57.4	58.4	115	117	70-130	2	20	
Bromoform	ug/L	50	47.1	48.2	94	96	70-130	2	20	
Bromomethane	ug/L	50	61.8	66.4	124	133	52-155	7	20	
Carbon tetrachloride	ug/L	50	59.1	60.7	118	121	70-153	3	20	
Chlorobenzene	ug/L	50	51.7	53.1	103	106	70-130	3	20	
Chloroethane	ug/L	50	58.9	58.8	118	118	70-130	.2	20	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

LABORATORY CONTROL SAMPLE & LCSD: 544907 544908

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	54.7	54.8	109	110	70-130	.1	20	
Chloromethane	ug/L	50	59.4	57.9	119	116	50-130	3	20	
cis-1,2-Dichloroethene	ug/L	50	54.6	55.1	109	110	70-130	.9	20	
cis-1,3-Dichloropropene	ug/L	50	59.7	61.3	119	123	70-130	3	20	
Dibromochloromethane	ug/L	50	48.1	51.1	96	102	70-130	6	20	
Dichlorodifluoromethane	ug/L	50	61.8	63.4	124	127	50-150	3	20	
Ethylbenzene	ug/L	50	54.3	55.7	109	111	70-130	3	20	
Isopropylbenzene (Cumene)	ug/L	50	57.1	57.6	114	115	70-130	.7	20	
m&p-Xylene	ug/L	100	110	114	110	114	70-130	4	20	
Methyl-tert-butyl ether	ug/L	50	53.8	54.3	108	109	70-130	1	20	
Methylene Chloride	ug/L	50	56.1	56.3	112	113	70-130	.4	20	
o-Xylene	ug/L	50	55.1	57.0	110	114	70-130	3	20	
Styrene	ug/L	50	56.3	57.5	113	115	70-130	2	20	
Tetrachloroethene	ug/L	50	51.7	53.4	103	107	70-130	3	20	
Toluene	ug/L	50	53.2	53.8	106	108	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	56.6	54.5	113	109	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	50	46.1	47.6	92	95	70-130	3	20	
Trichloroethene	ug/L	50	57.9	59.6	116	119	70-130	3	20	
Trichlorofluoromethane	ug/L	50	59.9	61.4	120	123	50-150	2	20	
Vinyl chloride	ug/L	50	59.5	61.1	119	122	66-130	3	20	
4-Bromofluorobenzene (S)	%.				89	89	70-130			
Dibromofluoromethane (S)	%.				82	85	70-130			
Toluene-d8 (S)	%.				83	85	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 544981 544982

Parameter	Units	4054542003 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	<0.90	50	50	56.2	56.7	112	113	70-133	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	45.6	47.4	91	95	70-130	4	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	50.2	49.8	100	100	70-130	.7	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	56.6	57.0	113	114	70-133	.7	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	56.2	56.9	112	114	70-130	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.97	50	50	46.9	48.5	93	96	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	50	50	41.2	43.4	82	87	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.56	50	50	51.8	51.5	104	103	70-130	.5	20	
1,2-Dichlorobenzene	ug/L	<0.83	50	50	49.3	49.6	98	99	70-130	.5	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	53.4	54.3	107	109	70-145	2	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	58.9	59.1	118	118	70-130	.3	20	
1,3-Dichlorobenzene	ug/L	<0.87	50	50	47.1	47.8	94	95	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.95	50	50	48.4	49.6	97	99	70-130	2	20	
Benzene	ug/L	<0.41	50	50	55.9	56.8	112	114	70-130	2	20	
Bromodichloromethane	ug/L	<0.56	50	50	57.5	57.6	115	115	70-130	.2	20	
Bromoform	ug/L	<0.94	50	50	45.1	45.7	90	91	70-130	1	20	
Bromomethane	ug/L	<0.91	50	50	66.5	69.0	133	138	52-155	4	20	
Carbon tetrachloride	ug/L	<0.49	50	50	60.7	60.8	121	122	70-158	.3	20	
Chlorobenzene	ug/L	<0.41	50	50	52.7	52.8	105	106	70-130	.2	20	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 544981 544982

Parameter	Units	4054542003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	<0.97	50	50	58.9	58.0	118	116	70-130	2	20	
Chloroform	ug/L	<1.3	50	50	54.5	55.7	109	111	70-130	2	20	
Chloromethane	ug/L	1.1	50	50	58.2	58.4	114	115	46-130	.3	20	
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	53.9	54.1	108	108	70-130	.5	20	
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	60.5	60.4	121	121	70-130	.05	20	
Dibromochloromethane	ug/L	<0.81	50	50	49.7	49.4	99	99	70-130	.5	20	
Dichlorodifluoromethane	ug/L	<0.99	50	50	60.1	61.0	120	122	50-150	2	20	
Ethylbenzene	ug/L	<0.54	50	50	52.6	50.6	105	101	70-130	4	20	
Isopropylbenzene (Cumene)	ug/L	<0.59	50	50	55.3	53.8	111	108	70-130	3	20	
m&p-Xylene	ug/L		100	100	90.8	85.1	91	85	70-130	6	20	
Methyl-tert-butyl ether	ug/L	<0.61	50	50	53.4	54.6	107	109	70-130	2	20	
Methylene Chloride	ug/L	<0.43	50	50	55.8	56.1	112	112	70-130	.5	20	
o-Xylene	ug/L		50	50	46.6	44.3	93	89	70-130	5	20	
Styrene	ug/L	<0.86	50	50	29.9	23.9	60	48	19-157	22	20	D6
Tetrachloroethene	ug/L	<0.45	50	50	52.4	52.6	105	105	70-130	.3	20	
Toluene	ug/L	<0.67	50	50	51.8	50.1	103	100	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	56.9	55.5	114	111	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	46.5	46.7	93	93	70-130	.4	20	
Trichloroethene	ug/L	<0.48	50	50	58.1	56.7	116	113	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.79	50	50	60.7	60.1	121	120	50-150	.9	20	
Vinyl chloride	ug/L	<0.18	50	50	59.8	59.0	120	118	62-130	1	20	
4-Bromofluorobenzene (S)	%.						89	88	70-130			
Dibromofluoromethane (S)	%.						84	85	70-130			
Toluene-d8 (S)	%.						83	83	70-130			

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QUALIFIERS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054574

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
Z3	Methylene chloride is a common laboratory contaminant. Results for this analyte should be considered estimated unless the amount found in the sample is 3 to 5 times higher than that found in the method blank.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

Pace Analytical Services, Inc.
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Pace Analytical

Sample Condition Upon Receipt

Client Name: Endeavor Env. Services Project # 4054574

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

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

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

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

Optional
Proj. Due Date:
Proj. Name:

Thermometer Used N/A Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun.

Cooler Temperature ROI Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 12/9/11
Initials: EMH

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 12-9-11

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

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

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CHAIN OF CUSTODY

KF 4054574

(Please Print Clearly)	
Company Name:	Endeavor Env. Servics, Inc
Branch/Location:	Green Bay
Project Contact:	Joseph Ramcheck
Phone:	920-437-2997
Project Number:	P101397.40
Project Name:	Wegner Property (former)
Project State:	WI
Sampled By (Print):	Joseph Ramcheck
Sampled By (Sign):	
PO #:	Regulatory Program:

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

Quote #:	PECFA U.C Sch 10
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter				
001	GP-1	12/7/11	1745	GW	N	B	X		1-40ml B	
002	GP-3	↓	1735	GW			X		2-40ml B	
003	Trip Blank	↓	—	Trip			X		2-40ml B	

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	12/8/11 1700		12/8/11 1700
	12/9/11 925	Mike Pace GB	12/9/11 0925

PACE Project No.: 4054574

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted

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

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

December 15, 2011

Joe Ramcheck
ENDEAVOR ENVIRONMENTAL SERVICES, INC.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Dear Joe Ramcheck:
Enclosed are the analytical results for sample(s) received by the laboratory on December 09, 2011. 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

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(920)469-2436

CERTIFICATIONS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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SAMPLE SUMMARY

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4054578001	GP-1, S-2	Solid	12/07/11 13:45	12/09/11 09:25
4054578002	GP-1, S-4	Solid	12/07/11 14:00	12/09/11 09:25
4054578003	GP-1, S-8	Solid	12/07/11 14:25	12/09/11 09:25
4054578004	GP-2, S-2	Solid	12/07/11 15:00	12/09/11 09:25
4054578005	GP-2, S-4	Solid	12/07/11 15:10	12/09/11 09:25
4054578006	GP-2, S-8	Solid	12/07/11 15:35	12/09/11 09:25
4054578007	GP-3, S-2	Solid	12/07/11 15:45	12/09/11 09:25
4054578008	GP-3, S-5	Solid	12/07/11 16:00	12/09/11 09:25
4054578009	GP-3, S-6	Solid	12/07/11 16:05	12/09/11 09:25
4054578010	GP-4, S-2	Solid	12/07/11 16:22	12/09/11 09:25
4054578011	GP-4, S-6	Solid	12/07/11 16:35	12/09/11 09:25
4054578012	GP-5, S-2	Solid	12/07/11 16:45	12/09/11 09:25
4054578013	GP-5, S-6	Solid	12/07/11 17:00	12/09/11 09:25
4054578014	GP-5, S-8	Solid	12/07/11 17:20	12/09/11 09:25
4054578015	MEOH BLANK	Solid	12/07/11 00:00	12/09/11 09:25

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SAMPLE ANALYTE COUNT

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4054578001	GP-1, S-2	WI MOD GRO	SES	9	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578002	GP-1, S-4	WI MOD GRO	SES	1	PASI-G
		EPA 8260	JJB	64	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578003	GP-1, S-8	WI MOD GRO	SES	11	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578004	GP-2, S-2	WI MOD GRO	SES	11	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578005	GP-2, S-4	WI MOD GRO	SES	11	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578006	GP-2, S-8	WI MOD GRO	SES	11	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578007	GP-3, S-2	WI MOD GRO	SES	9	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578008	GP-3, S-5	WI MOD GRO	SES	11	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578009	GP-3, S-6	WI MOD GRO	SES	11	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578010	GP-4, S-2	WI MOD GRO	SES	11	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578011	GP-4, S-6	WI MOD GRO	SES	11	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578012	GP-5, S-2	WI MOD GRO	SES	9	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578013	GP-5, S-6	WI MOD GRO	SES	1	PASI-G
		EPA 8260	JJB	64	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578014	GP-5, S-8	WI MOD GRO	SES	11	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4054578015	MEOH BLANK	EPA 8260	JJB	64	PASI-G

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PROJECT NARRATIVE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Method: **WI MOD GRO**
Description: WIGRO GCV
Client: ENDEAVOR ENVIRONMENTAL SERVICES, INC.
Date: December 15, 2011

General Information:
14 samples were analyzed for WI MOD GRO. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with TPH GRO/PVOC WI ext. with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: GCV/7728

1q: Approximately 4.3 mg/Kg of GRO value is due to the addition of 8260 surrogate standards.
- GP-5, S-6 (Lab ID: 4054578013)
  - Gasoline Range Organics

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PROJECT NARRATIVE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Method: EPA 8260
Description: 8260 MSV Med Level Normal List
Client: ENDEAVOR ENVIRONMENTAL SERVICES, INC.
Date: December 15, 2011

General Information:
3 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/13580

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- GP-1, S-4 (Lab ID: 4054578002)
  - 4-Bromofluorobenzene (S)
  - Dibromofluoromethane (S)
  - Toluene-d8 (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/13583

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Method: **EPA 8260**
Description: 8260 MSV Med Level Normal List
Client: ENDEAVOR ENVIRONMENTAL SERVICES, INC.
Date: December 15, 2011

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: GP-1, S-2 **Lab ID: 4054578001** Collected: 12/07/11 13:45 Received: 12/09/11 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:32	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:32	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:32	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:32	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:32	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:32	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/11 12:00	12/12/11 15:32	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:32	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	12/12/11 12:00	12/12/11 15:32	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.0**	%	0.10	0.10	1		12/15/11 08:20		

Sample: GP-1, S-4 **Lab ID: 4054578002** Collected: 12/07/11 14:00 Received: 12/09/11 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Gasoline Range Organics	**1090**	mg/kg	34.7	34.7	12.5	12/12/11 12:00	12/12/11 23:13		
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	71-43-2	W
Bromobenzene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	108-86-1	W
Bromochloromethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	74-97-5	W
Bromodichloromethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	75-27-4	W
Bromoform	**<1040**	ug/kg	2400	1040	40	12/12/11 12:00	12/12/11 20:59	75-25-2	W
Bromomethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	74-83-9	W
n-Butylbenzene	**<1620**	ug/kg	2400	1620	40	12/12/11 12:00	12/12/11 20:59	104-51-8	W
sec-Butylbenzene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	135-98-8	W
tert-Butylbenzene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	98-06-6	W
Carbon tetrachloride	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	56-23-5	W
Chlorobenzene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	108-90-7	W
Chloroethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	75-00-3	W
Chloroform	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	67-66-3	W
Chloromethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	74-87-3	W
2-Chlorotoluene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	95-49-8	W
4-Chlorotoluene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	106-43-4	W
1,2-Dibromo-3-chloropropane	**<3290**	ug/kg	10000	3290	40	12/12/11 12:00	12/12/11 20:59	96-12-8	W
Dibromochloromethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	124-48-1	W
1,2-Dibromoethane (EDB)	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	106-93-4	W
Dibromomethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	74-95-3	W

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: GP-1, S-4 **Lab ID: 4054578002** Collected: 12/07/11 14:00 Received: 12/09/11 09:25 Matrix: Solid

Results reported on a "dry-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-Dichlorobenzene	**<1780**	ug/kg	2400	1780	40	12/12/11 12:00	12/12/11 20:59	95-50-1	W
1,3-Dichlorobenzene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	541-73-1	W
1,4-Dichlorobenzene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	106-46-7	W
Dichlorodifluoromethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	75-71-8	W
1,1-Dichloroethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	75-34-3	W
1,2-Dichloroethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	107-06-2	W
1,1-Dichloroethene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	75-35-4	W
cis-1,2-Dichloroethene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	156-59-2	W
trans-1,2-Dichloroethene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	156-60-5	W
1,2-Dichloropropane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	78-87-5	W
1,3-Dichloropropane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	142-28-9	W
2,2-Dichloropropane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	594-20-7	W
1,1-Dichloropropene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	563-58-6	W
cis-1,3-Dichloropropene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	10061-01-5	W
trans-1,3-Dichloropropene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	10061-02-6	W
Diisopropyl ether	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	108-20-3	W
Ethylbenzene	**49700**	ug/kg	2670	1110	40	12/12/11 12:00	12/12/11 20:59	100-41-4	
Hexachloro-1,3-butadiene	**<1060**	ug/kg	2400	1060	40	12/12/11 12:00	12/12/11 20:59	87-68-3	W
Isopropylbenzene (Cumene)	**3570**	ug/kg	2670	1110	40	12/12/11 12:00	12/12/11 20:59	98-82-8	
p-Isopropyltoluene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	99-87-6	W
Methylene Chloride	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	75-09-2	W
Methyl-tert-butyl ether	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	1634-04-4	W
Naphthalene	**10200**	ug/kg	2670	1110	40	12/12/11 12:00	12/12/11 20:59	91-20-3	
n-Propylbenzene	**13400**	ug/kg	2670	1110	40	12/12/11 12:00	12/12/11 20:59	103-65-1	
Styrene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	100-42-5	W
1,1,1,2-Tetrachloroethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	630-20-6	W
1,1,2,2-Tetrachloroethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	79-34-5	W
Tetrachloroethene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	127-18-4	W
Toluene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	108-88-3	W
1,2,3-Trichlorobenzene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	87-61-6	W
1,2,4-Trichlorobenzene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	120-82-1	W
1,1,1-Trichloroethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	71-55-6	W
1,1,2-Trichloroethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	79-00-5	W
Trichloroethene	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	79-01-6	W
Trichlorofluoromethane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	75-69-4	W
1,2,3-Trichloropropane	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	96-18-4	W
1,2,4-Trimethylbenzene	**93500**	ug/kg	2670	1110	40	12/12/11 12:00	12/12/11 20:59	95-63-6	
1,3,5-Trimethylbenzene	**30400**	ug/kg	2670	1110	40	12/12/11 12:00	12/12/11 20:59	108-67-8	
Vinyl chloride	**<1000**	ug/kg	2400	1000	40	12/12/11 12:00	12/12/11 20:59	75-01-4	W
m&p-Xylene	**207000**	ug/kg	5330	2220	40	12/12/11 12:00	12/12/11 20:59	179601-23-1	
o-Xylene	**37800**	ug/kg	2670	1110	40	12/12/11 12:00	12/12/11 20:59	95-47-6	
Surrogates									
Dibromofluoromethane (S)	0	%.	57-149		40	12/12/11 12:00	12/12/11 20:59	1868-53-7	S4
Toluene-d8 (S)	0	%.	55-152		40	12/12/11 12:00	12/12/11 20:59	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%.	40-139		40	12/12/11 12:00	12/12/11 20:59	460-00-4	S4

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: GP-1, S-4 **Lab ID: 4054578002** Collected: 12/07/11 14:00 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.0**	%	0.10	0.10	1		12/15/11 08:20		

Sample: GP-1, S-8 **Lab ID: 4054578003** Collected: 12/07/11 14:25 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**3950**	ug/kg	67.3	28.1	1	12/12/11 12:00	12/12/11 15:57	71-43-2	
Ethylbenzene	**269**	ug/kg	67.3	28.1	1	12/12/11 12:00	12/12/11 15:57	100-41-4	
Gasoline Range Organics	**5.3**	mg/kg	2.8	2.8	1	12/12/11 12:00	12/12/11 15:57		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:57	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:57	91-20-3	W
Toluene	**198**	ug/kg	67.3	28.1	1	12/12/11 12:00	12/12/11 15:57	108-88-3	
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:57	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 15:57	108-67-8	W
m&p-Xylene	**309**	ug/kg	135	56.1	1	12/12/11 12:00	12/12/11 15:57	179601-23-1	
o-Xylene	**84.1**	ug/kg	67.3	28.1	1	12/12/11 12:00	12/12/11 15:57	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1	12/12/11 12:00	12/12/11 15:57	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.9**	%	0.10	0.10	1		12/15/11 08:20		

Sample: GP-2, S-2 **Lab ID: 4054578004** Collected: 12/07/11 15:00 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**31.0J**	ug/kg	68.3	28.5	1	12/12/11 12:00	12/12/11 20:39	71-43-2	
Ethylbenzene	**642**	ug/kg	68.3	28.5	1	12/12/11 12:00	12/12/11 20:39	100-41-4	
Gasoline Range Organics	**38.5**	mg/kg	2.8	2.8	1	12/12/11 12:00	12/12/11 20:39		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:39	1634-04-4	W
Naphthalene	**1330**	ug/kg	68.3	28.5	1	12/12/11 12:00	12/12/11 20:39	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:39	108-88-3	W
1,2,4-Trimethylbenzene	**4560**	ug/kg	68.3	28.5	1	12/12/11 12:00	12/12/11 20:39	95-63-6	
1,3,5-Trimethylbenzene	**1630**	ug/kg	68.3	28.5	1	12/12/11 12:00	12/12/11 20:39	108-67-8	
m&p-Xylene	**2230**	ug/kg	137	56.9	1	12/12/11 12:00	12/12/11 20:39	179601-23-1	
o-Xylene	**444**	ug/kg	68.3	28.5	1	12/12/11 12:00	12/12/11 20:39	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	106	%.	80-120		1	12/12/11 12:00	12/12/11 20:39	98-08-8	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: GP-2, S-2 **Lab ID: 4054578004** Collected: 12/07/11 15:00 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.2**	%	0.10	0.10	1		12/15/11 08:21		

Sample: GP-2, S-4 **Lab ID: 4054578005** Collected: 12/07/11 15:10 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**2460**	ug/kg	340	142	5	12/12/11 12:00	12/12/11 22:22	71-43-2	
Ethylbenzene	**11000**	ug/kg	340	142	5	12/12/11 12:00	12/12/11 22:22	100-41-4	
Gasoline Range Organics	**327**	mg/kg	14.2	14.2	5	12/12/11 12:00	12/12/11 22:22		
Methyl-tert-butyl ether	**<125**	ug/kg	300	125	5	12/12/11 12:00	12/12/11 22:22	1634-04-4	W
Naphthalene	**2330**	ug/kg	340	142	5	12/12/11 12:00	12/12/11 22:22	91-20-3	
Toluene	**24900**	ug/kg	340	142	5	12/12/11 12:00	12/12/11 22:22	108-88-3	
1,2,4-Trimethylbenzene	**18000**	ug/kg	340	142	5	12/12/11 12:00	12/12/11 22:22	95-63-6	
1,3,5-Trimethylbenzene	**6900**	ug/kg	340	142	5	12/12/11 12:00	12/12/11 22:22	108-67-8	
m&p-Xylene	**45200**	ug/kg	681	284	5	12/12/11 12:00	12/12/11 22:22	179601-23-1	
o-Xylene	**15800**	ug/kg	340	142	5	12/12/11 12:00	12/12/11 22:22	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	110	%.	80-120		5	12/12/11 12:00	12/12/11 22:22	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.9**	%	0.10	0.10	1		12/15/11 08:21		

Sample: GP-2, S-8 **Lab ID: 4054578006** Collected: 12/07/11 15:35 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**4090**	ug/kg	67.3	28.0	1	12/12/11 12:00	12/12/11 16:23	71-43-2	
Ethylbenzene	**79.8**	ug/kg	67.3	28.0	1	12/12/11 12:00	12/12/11 16:23	100-41-4	
Gasoline Range Organics	**5.0**	mg/kg	2.8	2.8	1	12/12/11 12:00	12/12/11 16:23		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:23	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:23	91-20-3	W
Toluene	**226**	ug/kg	67.3	28.0	1	12/12/11 12:00	12/12/11 16:23	108-88-3	
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:23	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:23	108-67-8	W
m&p-Xylene	**115J**	ug/kg	135	56.1	1	12/12/11 12:00	12/12/11 16:23	179601-23-1	
o-Xylene	**39.2J**	ug/kg	67.3	28.0	1	12/12/11 12:00	12/12/11 16:23	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	12/12/11 12:00	12/12/11 16:23	98-08-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: GP-2, S-8 **Lab ID: 4054578006** Collected: 12/07/11 15:35 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.9**	%	0.10	0.10	1		12/15/11 08:21		

Sample: GP-3, S-2 **Lab ID: 4054578007** Collected: 12/07/11 15:45 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:49	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:49	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:49	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:49	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:49	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:49	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/11 12:00	12/12/11 16:49	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 16:49	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	12/12/11 12:00	12/12/11 16:49	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.0**	%	0.10	0.10	1		12/15/11 08:21		

Sample: GP-3, S-5 **Lab ID: 4054578008** Collected: 12/07/11 16:00 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<100**	ug/kg	240	100	4	12/12/11 12:00	12/12/11 21:56	71-43-2	W
Ethylbenzene	**6150**	ug/kg	262	109	4	12/12/11 12:00	12/12/11 21:56	100-41-4	
Gasoline Range Organics	**283**	mg/kg	10.9	10.9	4	12/12/11 12:00	12/12/11 21:56		
Methyl-tert-butyl ether	**<100**	ug/kg	240	100	4	12/12/11 12:00	12/12/11 21:56	1634-04-4	W
Naphthalene	**2940**	ug/kg	262	109	4	12/12/11 12:00	12/12/11 21:56	91-20-3	
Toluene	**193J**	ug/kg	262	109	4	12/12/11 12:00	12/12/11 21:56	108-88-3	
1,2,4-Trimethylbenzene	**19300**	ug/kg	262	109	4	12/12/11 12:00	12/12/11 21:56	95-63-6	
1,3,5-Trimethylbenzene	**8090**	ug/kg	262	109	4	12/12/11 12:00	12/12/11 21:56	108-67-8	
m&p-Xylene	**17900**	ug/kg	524	218	4	12/12/11 12:00	12/12/11 21:56	179601-23-1	
o-Xylene	**725**	ug/kg	262	109	4	12/12/11 12:00	12/12/11 21:56	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	110	%.	80-120		4	12/12/11 12:00	12/12/11 21:56	98-08-8	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: GP-3, S-5 **Lab ID: 4054578008** Collected: 12/07/11 16:00 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.3**	%	0.10	0.10	1		12/15/11 08:21		

Sample: GP-3, S-6 **Lab ID: 4054578009** Collected: 12/07/11 16:05 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:14	71-43-2	W
Ethylbenzene	**990**	ug/kg	71.1	29.6	1	12/12/11 12:00	12/12/11 17:14	100-41-4	
Gasoline Range Organics	**7.2**	mg/kg	3.0	3.0	1	12/12/11 12:00	12/12/11 17:14		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:14	1634-04-4	W
Naphthalene	**418**	ug/kg	71.1	29.6	1	12/12/11 12:00	12/12/11 17:14	91-20-3	
Toluene	**59.4J**	ug/kg	71.1	29.6	1	12/12/11 12:00	12/12/11 17:14	108-88-3	
1,2,4-Trimethylbenzene	**503**	ug/kg	71.1	29.6	1	12/12/11 12:00	12/12/11 17:14	95-63-6	
1,3,5-Trimethylbenzene	**394**	ug/kg	71.1	29.6	1	12/12/11 12:00	12/12/11 17:14	108-67-8	
m&p-Xylene	**1130**	ug/kg	142	59.2	1	12/12/11 12:00	12/12/11 17:14	179601-23-1	
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:14	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	107	%.	80-120		1	12/12/11 12:00	12/12/11 17:14	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.6**	%	0.10	0.10	1		12/15/11 08:21		

Sample: GP-4, S-2 **Lab ID: 4054578010** Collected: 12/07/11 16:22 Received: 12/09/11 09:25 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:40	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:40	100-41-4	W
Gasoline Range Organics	**<3.1**	mg/kg	3.1	3.1	1	12/12/11 12:00	12/12/11 17:40		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:40	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:40	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:40	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:40	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:40	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/11 12:00	12/12/11 17:40	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 17:40	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	12/12/11 12:00	12/12/11 17:40	98-08-8	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: GP-4, S-2 **Lab ID: 4054578010** Collected: 12/07/11 16:22 Received: 12/09/11 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.7**	%	0.10	0.10	1		12/15/11 08:22		

Sample: GP-4, S-6 **Lab ID: 4054578011** Collected: 12/07/11 16:35 Received: 12/09/11 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**1190**	ug/kg	336	140	5	12/12/11 12:00	12/12/11 22:47	71-43-2	
Ethylbenzene	**7840**	ug/kg	336	140	5	12/12/11 12:00	12/12/11 22:47	100-41-4	
Gasoline Range Organics	**378**	mg/kg	14.0	14.0	5	12/12/11 12:00	12/12/11 22:47		
Methyl-tert-butyl ether	**314J**	ug/kg	336	140	5	12/12/11 12:00	12/12/11 22:47	1634-04-4	
Naphthalene	**1980**	ug/kg	336	140	5	12/12/11 12:00	12/12/11 22:47	91-20-3	
Toluene	**717**	ug/kg	336	140	5	12/12/11 12:00	12/12/11 22:47	108-88-3	
1,2,4-Trimethylbenzene	**19000**	ug/kg	336	140	5	12/12/11 12:00	12/12/11 22:47	95-63-6	
1,3,5-Trimethylbenzene	**7850**	ug/kg	336	140	5	12/12/11 12:00	12/12/11 22:47	108-67-8	
m&p-Xylene	**25900**	ug/kg	673	280	5	12/12/11 12:00	12/12/11 22:47	179601-23-1	
o-Xylene	**7910**	ug/kg	336	140	5	12/12/11 12:00	12/12/11 22:47	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	110	%.	80-120		5	12/12/11 12:00	12/12/11 22:47	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.8**	%	0.10	0.10	1		12/15/11 08:22		

Sample: GP-5, S-2 **Lab ID: 4054578012** Collected: 12/07/11 16:45 Received: 12/09/11 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:05	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:05	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:05	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:05	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:05	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:05	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/11 12:00	12/12/11 18:05	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:05	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%.	80-120		1	12/12/11 12:00	12/12/11 18:05	98-08-8	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: GP-5, S-2 **Lab ID: 4054578012** Collected: 12/07/11 16:45 Received: 12/09/11 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.6**	%	0.10	0.10	1		12/15/11 08:22		

Sample: GP-5, S-6 **Lab ID: 4054578013** Collected: 12/07/11 17:00 Received: 12/09/11 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Gasoline Range Organics	**9.5**	mg/kg	2.8	2.8	1	12/12/11 12:00	12/12/11 18:31		1q
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	12/12/11 12:00	12/12/11 20:13	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/11 12:00	12/12/11 20:13	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/11 12:00	12/12/11 20:13	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/11 12:00	12/12/11 20:13	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/11 12:00	12/12/11 20:13	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	594-20-7	W

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: GP-5, S-6 **Lab ID: 4054578013** Collected: 12/07/11 17:00 Received: 12/09/11 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	108-20-3	W
Ethylbenzene	**547**	ug/kg	68.0	28.3	1	12/12/11 12:00	12/12/11 20:13	100-41-4	
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/11 12:00	12/12/11 20:13	87-68-3	W
Isopropylbenzene (Cumene)	**36.5J**	ug/kg	68.0	28.3	1	12/12/11 12:00	12/12/11 20:13	98-82-8	
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	1634-04-4	W
Naphthalene	**157**	ug/kg	68.0	28.3	1	12/12/11 12:00	12/12/11 20:13	91-20-3	
n-Propylbenzene	**165**	ug/kg	68.0	28.3	1	12/12/11 12:00	12/12/11 20:13	103-65-1	
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	96-18-4	W
1,2,4-Trimethylbenzene	**176**	ug/kg	68.0	28.3	1	12/12/11 12:00	12/12/11 20:13	95-63-6	
1,3,5-Trimethylbenzene	**365**	ug/kg	68.0	28.3	1	12/12/11 12:00	12/12/11 20:13	108-67-8	
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	75-01-4	W
m&p-Xylene	**186**	ug/kg	136	56.7	1	12/12/11 12:00	12/12/11 20:13	179601-23-1	
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 20:13	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	85	%.	57-149		1	12/12/11 12:00	12/12/11 20:13	1868-53-7	
Toluene-d8 (S)	99	%.	55-152		1	12/12/11 12:00	12/12/11 20:13	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	40-139		1	12/12/11 12:00	12/12/11 20:13	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.8**	%	0.10	0.10	1		12/15/11 08:22		

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: GP-5, S-8 **Lab ID: 4054578014** Collected: 12/07/11 17:20 Received: 12/09/11 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**172**	ug/kg	71.0	29.6	1	12/12/11 12:00	12/12/11 18:56	71-43-2	
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:56	100-41-4	W
Gasoline Range Organics	**<3.0**	mg/kg	3.0	3.0	1	12/12/11 12:00	12/12/11 18:56		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:56	1634-04-4	W
Naphthalene	**35.4J**	ug/kg	71.0	29.6	1	12/12/11 12:00	12/12/11 18:56	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:56	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:56	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:56	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/11 12:00	12/12/11 18:56	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 18:56	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%.	80-120		1	12/12/11 12:00	12/12/11 18:56	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.5**	%	0.10	0.10	1		12/15/11 08:22		

Sample: MEOH BLANK **Lab ID: 4054578015** Collected: 12/07/11 00:00 Received: 12/09/11 09:25 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	12/12/11 12:00	12/12/11 14:52	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/11 12:00	12/12/11 14:52	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/11 12:00	12/12/11 14:52	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/11 12:00	12/12/11 14:52	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/11 12:00	12/12/11 14:52	95-50-1	W

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

Sample: MEOH BLANK **Lab ID: 4054578015** Collected: 12/07/11 00:00 Received: 12/09/11 09:25 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								
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/11 12:00	12/12/11 14:52	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/11 12:00	12/12/11 14:52	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/11 12:00	12/12/11 14:52	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	100	%.	57-149		1	12/12/11 12:00	12/12/11 14:52	1868-53-7	
Toluene-d8 (S)	93	%.	55-152		1	12/12/11 12:00	12/12/11 14:52	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	40-139		1	12/12/11 12:00	12/12/11 14:52	460-00-4	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

QC Batch: GCV/7728 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4054578001, 4054578002, 4054578003, 4054578004, 4054578005, 4054578006, 4054578007, 4054578008, 4054578009, 4054578010, 4054578011, 4054578012, 4054578013, 4054578014

METHOD BLANK: 545097 Matrix: Solid
Associated Lab Samples: 4054578001, 4054578002, 4054578003, 4054578004, 4054578005, 4054578006, 4054578007, 4054578008, 4054578009, 4054578010, 4054578011, 4054578012, 4054578013, 4054578014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	12/12/11 14:15	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	12/12/11 14:15	
Benzene	ug/kg	<25.0	60.0	12/12/11 14:15	
Ethylbenzene	ug/kg	<25.0	60.0	12/12/11 14:15	
Gasoline Range Organics	mg/kg	<2.5	2.5	12/12/11 14:15	
m&p-Xylene	ug/kg	<50.0	120	12/12/11 14:15	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	12/12/11 14:15	
Naphthalene	ug/kg	<25.0	60.0	12/12/11 14:15	
o-Xylene	ug/kg	<25.0	60.0	12/12/11 14:15	
Toluene	ug/kg	<25.0	60.0	12/12/11 14:15	
a,a,a-Trifluorotoluene (S)	%.	105	80-120	12/12/11 14:15	

LABORATORY CONTROL SAMPLE & LCSD: 545098 545099

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1080	1070	108	107	80-120	.9	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1080	1080	108	108	80-120	.6	20	
Benzene	ug/kg	1000	1130	1130	113	113	80-120	.2	20	
Ethylbenzene	ug/kg	1000	1110	1100	111	110	80-120	.2	20	
Gasoline Range Organics	mg/kg	10	10.7	11.2	107	112	80-120	4	20	
m&p-Xylene	ug/kg	2000	2220	2230	111	111	80-120	.2	20	
Methyl-tert-butyl ether	ug/kg	1000	1110	1100	111	110	80-120	.5	20	
Naphthalene	ug/kg	1000	1060	1140	106	114	80-120	7	20	
o-Xylene	ug/kg	1000	1110	1110	111	111	80-120	.03	20	
Toluene	ug/kg	1000	1100	1100	110	110	80-120	.7	20	
a,a,a-Trifluorotoluene (S)	%.				103	102	80-120			

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

QC Batch: MSV/13580 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4054578002, 4054578013, 4054578015

METHOD BLANK: 545118 Matrix: Solid
Associated Lab Samples: 4054578002, 4054578013, 4054578015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	12/12/11 12:34	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	12/12/11 12:34	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	12/12/11 12:34	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	12/12/11 12:34	
1,1-Dichloroethane	ug/kg	<25.0	60.0	12/12/11 12:34	
1,1-Dichloroethene	ug/kg	<25.0	60.0	12/12/11 12:34	
1,1-Dichloropropene	ug/kg	<25.0	60.0	12/12/11 12:34	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	12/12/11 12:34	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	12/12/11 12:34	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	12/12/11 12:34	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	12/12/11 12:34	
1,2-Dichloroethane	ug/kg	<25.0	60.0	12/12/11 12:34	
1,2-Dichloropropane	ug/kg	<25.0	60.0	12/12/11 12:34	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
1,3-Dichloropropane	ug/kg	<25.0	60.0	12/12/11 12:34	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
2,2-Dichloropropane	ug/kg	<25.0	60.0	12/12/11 12:34	
2-Chlorotoluene	ug/kg	<25.0	60.0	12/12/11 12:34	
4-Chlorotoluene	ug/kg	<25.0	60.0	12/12/11 12:34	
Benzene	ug/kg	<25.0	60.0	12/12/11 12:34	
Bromobenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
Bromochloromethane	ug/kg	<25.0	60.0	12/12/11 12:34	
Bromodichloromethane	ug/kg	<25.0	60.0	12/12/11 12:34	
Bromoform	ug/kg	<25.9	60.0	12/12/11 12:34	
Bromomethane	ug/kg	<25.0	60.0	12/12/11 12:34	
Carbon tetrachloride	ug/kg	<25.0	60.0	12/12/11 12:34	
Chlorobenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
Chloroethane	ug/kg	<25.0	60.0	12/12/11 12:34	
Chloroform	ug/kg	<25.0	60.0	12/12/11 12:34	
Chloromethane	ug/kg	<25.0	60.0	12/12/11 12:34	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	12/12/11 12:34	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	12/12/11 12:34	
Dibromochloromethane	ug/kg	<25.0	60.0	12/12/11 12:34	
Dibromomethane	ug/kg	<25.0	60.0	12/12/11 12:34	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	12/12/11 12:34	
Diisopropyl ether	ug/kg	<25.0	60.0	12/12/11 12:34	
Ethylbenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	12/12/11 12:34	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	12/12/11 12:34	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

METHOD BLANK: 545118 Matrix: Solid

Associated Lab Samples: 4054578002, 4054578013, 4054578015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	12/12/11 12:34	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	12/12/11 12:34	
Methylene Chloride	ug/kg	<25.0	60.0	12/12/11 12:34	
n-Butylbenzene	ug/kg	<40.4	60.0	12/12/11 12:34	
n-Propylbenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
Naphthalene	ug/kg	<25.0	60.0	12/12/11 12:34	
o-Xylene	ug/kg	<25.0	60.0	12/12/11 12:34	
p-Isopropyltoluene	ug/kg	<25.0	60.0	12/12/11 12:34	
sec-Butylbenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
Styrene	ug/kg	<25.0	60.0	12/12/11 12:34	
tert-Butylbenzene	ug/kg	<25.0	60.0	12/12/11 12:34	
Tetrachloroethene	ug/kg	<25.0	60.0	12/12/11 12:34	
Toluene	ug/kg	<25.0	60.0	12/12/11 12:34	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	12/12/11 12:34	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	12/12/11 12:34	
Trichloroethene	ug/kg	<25.0	60.0	12/12/11 12:34	
Trichlorofluoromethane	ug/kg	<25.0	60.0	12/12/11 12:34	
Vinyl chloride	ug/kg	<25.0	60.0	12/12/11 12:34	
4-Bromofluorobenzene (S)	%.	104	40-139	12/12/11 12:34	
Dibromofluoromethane (S)	%.	107	57-149	12/12/11 12:34	
Toluene-d8 (S)	%.	109	55-152	12/12/11 12:34	

LABORATORY CONTROL SAMPLE & LCSD: 545119 545120

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2760	2890	110	116	70-130	5	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2350	2440	94	97	70-133	4	20	
1,1,2-Trichloroethane	ug/kg	2500	2570	2520	103	101	70-130	2	20	
1,1-Dichloroethane	ug/kg	2500	2290	2360	92	94	70-131	3	20	
1,1-Dichloroethene	ug/kg	2500	2260	2390	90	96	64-132	6	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2500	2680	100	107	70-130	7	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2400	2500	96	100	50-150	4	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2620	2700	105	108	70-130	3	20	
1,2-Dichlorobenzene	ug/kg	2500	2480	2610	99	105	70-130	5	20	
1,2-Dichloroethane	ug/kg	2500	2560	2640	102	106	70-138	3	20	
1,2-Dichloropropane	ug/kg	2500	2370	2390	95	96	70-130	1	20	
1,3-Dichlorobenzene	ug/kg	2500	2530	2650	101	106	70-130	5	20	
1,4-Dichlorobenzene	ug/kg	2500	2380	2470	95	99	70-130	4	20	
Benzene	ug/kg	2500	2200	2280	88	91	70-130	4	20	
Bromodichloromethane	ug/kg	2500	2550	2530	102	101	70-130	.8	20	
Bromoform	ug/kg	2500	2530	2560	101	102	52-130	.9	20	
Bromomethane	ug/kg	2500	2270	2380	91	95	52-179	5	20	
Carbon tetrachloride	ug/kg	2500	2610	2760	104	110	70-130	6	20	
Chlorobenzene	ug/kg	2500	2540	2590	102	104	70-130	2	20	
Chloroethane	ug/kg	2500	2530	2510	101	100	49-200	.8	20	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

LABORATORY CONTROL SAMPLE & LCSD: 545119 545120

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	2370	2480	95	99	70-130	5	20	
Chloromethane	ug/kg	2500	1920	1990	77	79	58-130	4	20	
cis-1,2-Dichloroethene	ug/kg	2500	2250	2450	90	98	70-130	8	20	
cis-1,3-Dichloropropene	ug/kg	2500	2570	2570	103	103	64-130	.05	20	
Dibromochloromethane	ug/kg	2500	2660	2650	106	106	66-130	.6	20	
Dichlorodifluoromethane	ug/kg	2500	1740	1800	70	72	50-150	4	20	
Ethylbenzene	ug/kg	2500	2600	2650	104	106	70-130	2	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2640	2690	106	108	70-130	2	20	
m&p-Xylene	ug/kg	5000	5300	5380	106	108	70-130	2	20	
Methyl-tert-butyl ether	ug/kg	2500	2470	2500	99	100	70-130	1	20	
Methylene Chloride	ug/kg	2500	2200	2230	88	89	70-135	1	20	
o-Xylene	ug/kg	2500	2530	2600	101	104	70-130	3	20	
Styrene	ug/kg	2500	2740	2750	109	110	70-130	.4	20	
Tetrachloroethene	ug/kg	2500	2590	2550	103	102	70-130	1	20	
Toluene	ug/kg	2500	2520	2540	101	102	70-130	1	20	
trans-1,2-Dichloroethene	ug/kg	2500	2320	2490	93	100	67-130	7	20	
trans-1,3-Dichloropropene	ug/kg	2500	2520	2550	101	102	59-130	1	20	
Trichloroethene	ug/kg	2500	2640	2690	106	108	70-130	2	20	
Trichlorofluoromethane	ug/kg	2500	2730	2520	109	101	50-150	8	20	
Vinyl chloride	ug/kg	2500	1920	2010	77	80	55-130	5	20	
4-Bromofluorobenzene (S)	%.				100	99	40-139			
Dibromofluoromethane (S)	%.				106	106	57-149			
Toluene-d8 (S)	%.				103	103	55-152			

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

QC Batch: PMST/6515 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4054578001, 4054578002, 4054578003, 4054578004, 4054578005, 4054578006, 4054578007, 4054578008, 4054578009, 4054578010, 4054578011, 4054578012, 4054578013, 4054578014

SAMPLE DUPLICATE: 546048

Parameter	Units	4054578014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.5	14.7	5	10	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALIFIERS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054578

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/13583

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1q Approximately 4.3 mg/Kg of GRO value is due to the addition of 8260 surrogate standards.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

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

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Pace Analytical

Sample Condition Upon Receipt

Client Name: Endeavor Env. Services Project # 4054578

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

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

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

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None (Other)

Optional: Proj. Due Date: Proj. Name:

Thermometer Used N/A Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun.

Cooler Temperature ROI Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents: Date: 12/9/11 Initials: EMH

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
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.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 12-9-11

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

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

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CHAIN OF CUSTODY

4054578

(Please Print Clearly)	
Company Name:	Endeavor Env. Services, Inc
Branch/Location:	Green Bay
Project Contact:	Joseph Ramcheck
Phone:	920-437-2997
Project Number:	P101397.40
Project Name:	Wegner Property (former)
Project State:	WI
Sampled By (Print):	Joseph Ramcheck
Sampled By (Sign):	
PO #:	Regulatory Program:

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

Quote #:	RECRA 4°C, Sh 10
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

Matrix Codes

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: PVOC	GRO	VOC	Naphthalene	Total Lead	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	F					A			
001	GP-1, S-2	12/7/11	1345	S			X						1-4oz pA*, 1-4oz cgF	
002	GP-1, S-4		1400					X	X				(2-4oz cgF)	
003	GP-1, S-8		1425				X	X		X				
004	GP-2, S-2		1500				X	X		X				
005	GP-2, S-4		1510				X	X		X				
006	GP-2, S-8		1535				X	X		X				
007	GP-3, S-2		1545				X							
008	GP-3, S-5		1600				X	X		X				
009	GP-3, S-6		1605				X	X		X				
010	GP-4, S-2		1622				X	X		X				
011	GP-4, S-6	↓	1635	↓			X	X		X				
EMK 12/9/11 012														
013														

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:
	12/8/11 1700		12/8/11 1700
	12/9/11 925	Pace GB	12/9/11 0925

PACE Project No.: 4054578

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

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

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

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CHAIN OF CUSTODY

4054578

(Please Print Clearly)	
Company Name:	Endeavor Env. Services, Inc
Branch/Location:	Green Bay
Project Contact:	Joseph Ramcheck
Phone:	920-437-2997
Project Number:	P101397.40
Project Name:	Wegner Property (Former)
Project State:	WI
Sampled By (Print):	Joseph Ramcheck
Sampled By (Sign):	
PO #:	Regulatory Program:

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

Quote #:	RCRA w:C Sch 10
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

Matrix Codes

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (Y/N)	PRESERVATION (CODE)*	Analyses Requested: PVOC	GRO	VOC	Naphthalene	Total Lead	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	F					A			
012	GP-5, S-2	12/9/11	1648				X						1-4oz pA ; 1-4oz cgF	
013	GP-5, S-6		1700					X	X					
014	GP-5, S-8		1720				X	X		X				
015	MeOH Blank							X	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:
	12/9/11 1700		12/9/11 1700
	12/9/11 925	Mielke Pace GB	12/9/11 0925

PACE Project No.: 4054578

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted

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

Version 6.0 06/14/06

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December 29, 2011

Joe Ramcheck
ENDEAVOR ENVIRONMENTAL SERVICES, INC.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Dear Joe Ramcheck:
Enclosed are the analytical results for sample(s) received by the laboratory on December 19, 2011. 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

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CERTIFICATIONS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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SAMPLE SUMMARY

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4054994001	GP-10, S-4	Solid	12/19/11 09:45	12/19/11 17:37
4054994002	GP-10, S-5	Solid	12/19/11 09:50	12/19/11 17:37
4054994003	GP-11, S-4	Solid	12/19/11 10:05	12/19/11 17:37
4054994004	GP-11, S-5	Solid	12/19/11 10:10	12/19/11 17:37
4054994005	GP-12, S-4	Solid	12/19/11 10:25	12/19/11 17:37
4054994006	GP-12, S-5	Solid	12/19/11 10:30	12/19/11 17:37
4054994007	GP-13, S-4	Solid	12/19/11 10:50	12/19/11 17:37
4054994008	GP-14, S-5	Solid	12/19/11 11:20	12/19/11 17:37
4054994009	GP-15, S-4	Solid	12/19/11 13:45	12/19/11 17:37
4054994010	GP-15, S-5	Solid	12/19/11 13:50	12/19/11 17:37
4054994011	MEOH BLANK	Solid	12/19/11 00:00	12/19/11 17:37
4054994012	GP-3, S-4	Solid	12/07/11 15:50	12/19/11 17:37
4054994013	GP-4, S-4	Solid	12/07/11 16:28	12/19/11 17:37

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SAMPLE ANALYTE COUNT

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4054994001	GP-10, S-4	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994002	GP-10, S-5	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994003	GP-11, S-4	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994004	GP-11, S-5	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994005	GP-12, S-4	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994006	GP-12, S-5	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994007	GP-13, S-4	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994008	GP-14, S-5	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994009	GP-15, S-4	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994010	GP-15, S-5	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994011	MEOH BLANK	WI MOD GRO	PMS	11	PASI-G
4054994012	GP-3, S-4	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4054994013	GP-4, S-4	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	EMH	1	PASI-G

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PROJECT NARRATIVE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Method: WI MOD GRO
Description: WIGRO GCV
Client: ENDEAVOR ENVIRONMENTAL SERVICES, INC.
Date: December 29, 2011

General Information:
13 samples were analyzed for WI MOD GRO. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with TPH GRO/PVOC WI ext. with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Sample: GP-10, S-4 **Lab ID: 4054994001** Collected: 12/19/11 09:45 Received: 12/19/11 17:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:07	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:07	100-41-4	W
Gasoline Range Organics	**<2.9**	mg/kg	2.9	2.9	1	12/20/11 12:00	12/21/11 13:07		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:07	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:07	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:07	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:07	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:07	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/20/11 12:00	12/21/11 13:07	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:07	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	12/20/11 12:00	12/21/11 13:07	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.0**	%	0.10	0.10	1		12/29/11 08:57		

Sample: GP-10, S-5 **Lab ID: 4054994002** Collected: 12/19/11 09:50 Received: 12/19/11 17:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:33	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:33	100-41-4	W
Gasoline Range Organics	**<2.9**	mg/kg	2.9	2.9	1	12/20/11 12:00	12/21/11 13:33		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:33	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:33	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:33	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:33	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:33	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/20/11 12:00	12/21/11 13:33	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:33	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	12/20/11 12:00	12/21/11 13:33	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.4**	%	0.10	0.10	1		12/29/11 08:57		

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Sample: GP-11, S-4 **Lab ID: 4054994003** Collected: 12/19/11 10:05 Received: 12/19/11 17:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:59	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:59	100-41-4	W
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	12/20/11 12:00	12/21/11 13:59		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:59	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:59	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:59	108-88-3	W
1,2,4-Trimethylbenzene	**50.4J**	ug/kg	67.9	28.3	1	12/20/11 12:00	12/21/11 13:59	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:59	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/20/11 12:00	12/21/11 13:59	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 13:59	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	12/20/11 12:00	12/21/11 13:59	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.7**	%	0.10	0.10	1		12/29/11 08:58		

Sample: GP-11, S-5 **Lab ID: 4054994004** Collected: 12/19/11 10:10 Received: 12/19/11 17:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 14:24	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 14:24	100-41-4	W
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	12/20/11 12:00	12/21/11 14:24		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 14:24	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 14:24	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 14:24	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 14:24	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 14:24	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/20/11 12:00	12/21/11 14:24	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 14:24	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	80-120		1	12/20/11 12:00	12/21/11 14:24	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.8**	%	0.10	0.10	1		12/29/11 08:58		

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Sample: GP-12, S-4 **Lab ID: 4054994005** Collected: 12/19/11 10:25 Received: 12/19/11 17:37 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<312**	ug/kg	750	312	12.5	12/20/11 12:00	12/21/11 16:32	71-43-2	W
Ethylbenzene	**16300**	ug/kg	856	356	12.5	12/20/11 12:00	12/21/11 16:32	100-41-4	
Gasoline Range Organics	**939**	mg/kg	35.6	35.6	12.5	12/20/11 12:00	12/21/11 16:32		
Methyl-tert-butyl ether	**<312**	ug/kg	750	312	12.5	12/20/11 12:00	12/21/11 16:32	1634-04-4	W
Naphthalene	**9260**	ug/kg	856	356	12.5	12/20/11 12:00	12/21/11 16:32	91-20-3	
Toluene	**375J**	ug/kg	856	356	12.5	12/20/11 12:00	12/21/11 16:32	108-88-3	
1,2,4-Trimethylbenzene	**75100**	ug/kg	856	356	12.5	12/20/11 12:00	12/21/11 16:32	95-63-6	
1,3,5-Trimethylbenzene	**30500**	ug/kg	856	356	12.5	12/20/11 12:00	12/21/11 16:32	108-67-8	
m&p-Xylene	**99600**	ug/kg	1710	713	12.5	12/20/11 12:00	12/21/11 16:32	179601-23-1	
o-Xylene	**33300**	ug/kg	856	356	12.5	12/20/11 12:00	12/21/11 16:32	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	111	%.	80-120		12.5	12/20/11 12:00	12/21/11 16:32	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.3**	%	0.10	0.10	1		12/29/11 08:58		

Sample: GP-12, S-5 **Lab ID: 4054994006** Collected: 12/19/11 10:30 Received: 12/19/11 17:37 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**4350**	ug/kg	349	145	5	12/20/11 12:00	12/21/11 16:58	71-43-2	
Ethylbenzene	**10200**	ug/kg	349	145	5	12/20/11 12:00	12/21/11 16:58	100-41-4	
Gasoline Range Organics	**365**	mg/kg	14.5	14.5	5	12/20/11 12:00	12/21/11 16:58		
Methyl-tert-butyl ether	**<125**	ug/kg	300	125	5	12/20/11 12:00	12/21/11 16:58	1634-04-4	W
Naphthalene	**2590**	ug/kg	349	145	5	12/20/11 12:00	12/21/11 16:58	91-20-3	
Toluene	**12700**	ug/kg	349	145	5	12/20/11 12:00	12/21/11 16:58	108-88-3	
1,2,4-Trimethylbenzene	**19000**	ug/kg	349	145	5	12/20/11 12:00	12/21/11 16:58	95-63-6	
1,3,5-Trimethylbenzene	**7380**	ug/kg	349	145	5	12/20/11 12:00	12/21/11 16:58	108-67-8	
m&p-Xylene	**45500**	ug/kg	698	291	5	12/20/11 12:00	12/21/11 16:58	179601-23-1	
o-Xylene	**15900**	ug/kg	349	145	5	12/20/11 12:00	12/21/11 16:58	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	108	%.	80-120		5	12/20/11 12:00	12/21/11 16:58	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.1**	%	0.10	0.10	1		12/29/11 08:58		

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Sample: GP-13, S-4 **Lab ID: 4054994007** Collected: 12/19/11 10:50 Received: 12/19/11 17:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**364**	ug/kg	169	70.5	2.5	12/20/11 12:00	12/21/11 16:06	71-43-2	
Ethylbenzene	**6020**	ug/kg	169	70.5	2.5	12/20/11 12:00	12/21/11 16:06	100-41-4	
Gasoline Range Organics	**170**	mg/kg	7.0	7.0	2.5	12/20/11 12:00	12/21/11 16:06		
Methyl-tert-butyl ether	**<62.5**	ug/kg	150	62.5	2.5	12/20/11 12:00	12/21/11 16:06	1634-04-4	W
Naphthalene	**1670**	ug/kg	169	70.5	2.5	12/20/11 12:00	12/21/11 16:06	91-20-3	
Toluene	**<62.5**	ug/kg	150	62.5	2.5	12/20/11 12:00	12/21/11 16:06	108-88-3	W
1,2,4-Trimethylbenzene	**11300**	ug/kg	169	70.5	2.5	12/20/11 12:00	12/21/11 16:06	95-63-6	
1,3,5-Trimethylbenzene	**4410**	ug/kg	169	70.5	2.5	12/20/11 12:00	12/21/11 16:06	108-67-8	
m&p-Xylene	**23800**	ug/kg	338	141	2.5	12/20/11 12:00	12/21/11 16:06	179601-23-1	
o-Xylene	**3290**	ug/kg	169	70.5	2.5	12/20/11 12:00	12/21/11 16:06	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	114	%.	80-120		2.5	12/20/11 12:00	12/21/11 16:06	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.3**	%	0.10	0.10	1		12/29/11 08:58		

Sample: GP-14, S-5 **Lab ID: 4054994008** Collected: 12/19/11 11:20 Received: 12/19/11 17:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:32	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:32	100-41-4	W
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	12/20/11 12:00	12/21/11 19:32		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:32	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:32	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:32	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:32	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:32	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/20/11 12:00	12/21/11 19:32	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:32	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1	12/20/11 12:00	12/21/11 19:32	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.3**	%	0.10	0.10	1		12/29/11 08:46		

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Sample: GP-15, S-4 **Lab ID: 4054994009** Collected: 12/19/11 13:45 Received: 12/19/11 17:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:57	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:57	100-41-4	W
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	12/20/11 12:00	12/21/11 19:57		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:57	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:57	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:57	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:57	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:57	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/20/11 12:00	12/21/11 19:57	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 19:57	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	12/20/11 12:00	12/21/11 19:57	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.4**	%	0.10	0.10	1		12/29/11 08:46		

Sample: GP-15, S-5 **Lab ID: 4054994010** Collected: 12/19/11 13:50 Received: 12/19/11 17:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:23	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:23	100-41-4	W
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	12/20/11 12:00	12/21/11 20:23		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:23	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:23	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:23	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:23	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:23	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/20/11 12:00	12/21/11 20:23	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:23	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	12/20/11 12:00	12/21/11 20:23	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.8**	%	0.10	0.10	1		12/29/11 08:46		

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Sample: MEOH BLANK **Lab ID: 4054994011** Collected: 12/19/11 00:00 Received: 12/19/11 17:37 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:49	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:49	100-41-4	W
Gasoline Range Organics	**<2.5**	mg/kg	2.5	2.5	1	12/20/11 12:00	12/21/11 20:49		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:49	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:49	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:49	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:49	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:49	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/20/11 12:00	12/21/11 20:49	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 20:49	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	12/20/11 12:00	12/21/11 20:49	98-08-8	

Sample: GP-3, S-4 **Lab ID: 4054994012** Collected: 12/07/11 15:50 Received: 12/19/11 17:37 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<125**	ug/kg	300	125	5	12/20/11 12:00	12/21/11 17:24	71-43-2	W
Ethylbenzene	**8310**	ug/kg	339	141	5	12/20/11 12:00	12/21/11 17:24	100-41-4	
Gasoline Range Organics	**445**	mg/kg	14.1	14.1	5	12/20/11 12:00	12/21/11 17:24		
Methyl-tert-butyl ether	**<125**	ug/kg	300	125	5	12/20/11 12:00	12/21/11 17:24	1634-04-4	W
Naphthalene	**5240**	ug/kg	339	141	5	12/20/11 12:00	12/21/11 17:24	91-20-3	
Toluene	**279J**	ug/kg	339	141	5	12/20/11 12:00	12/21/11 17:24	108-88-3	
1,2,4-Trimethylbenzene	**33200**	ug/kg	339	141	5	12/20/11 12:00	12/21/11 17:24	95-63-6	
1,3,5-Trimethylbenzene	**14800**	ug/kg	339	141	5	12/20/11 12:00	12/21/11 17:24	108-67-8	
m&p-Xylene	**25900**	ug/kg	678	283	5	12/20/11 12:00	12/21/11 17:24	179601-23-1	
o-Xylene	**1020**	ug/kg	339	141	5	12/20/11 12:00	12/21/11 17:24	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	112	%.	80-120		5	12/20/11 12:00	12/21/11 17:24	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.6**	%	0.10	0.10	1		12/29/11 08:46		

Sample: GP-4, S-4 **Lab ID: 4054994013** Collected: 12/07/11 16:28 Received: 12/19/11 17:37 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 10:59	71-43-2	W

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

Sample: GP-4, S-4 **Lab ID: 4054994013** Collected: 12/07/11 16:28 Received: 12/19/11 17:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 10:59	100-41-4	W
Gasoline Range Organics	**<2.9**	mg/kg	2.9	2.9	1	12/20/11 12:00	12/21/11 10:59		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 10:59	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 10:59	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 10:59	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 10:59	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 10:59	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/20/11 12:00	12/21/11 10:59	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/20/11 12:00	12/21/11 10:59	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	12/20/11 12:00	12/21/11 10:59	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.6**	%	0.10	0.10	1		12/29/11 08:47		

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

QC Batch: GCV/7777 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4054994001, 4054994002, 4054994003, 4054994004, 4054994005, 4054994006, 4054994007, 4054994008, 4054994009, 4054994010, 4054994011, 4054994012, 4054994013

METHOD BLANK: 549017 Matrix: Solid
Associated Lab Samples: 4054994001, 4054994002, 4054994003, 4054994004, 4054994005, 4054994006, 4054994007, 4054994008, 4054994009, 4054994010, 4054994011, 4054994012, 4054994013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	12/21/11 09:16	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	12/21/11 09:16	
Benzene	ug/kg	<25.0	60.0	12/21/11 09:16	
Ethylbenzene	ug/kg	<25.0	60.0	12/21/11 09:16	
Gasoline Range Organics	mg/kg	<2.5	2.5	12/21/11 09:16	
m&p-Xylene	ug/kg	<50.0	120	12/21/11 09:16	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	12/21/11 09:16	
Naphthalene	ug/kg	<25.0	60.0	12/21/11 09:16	
o-Xylene	ug/kg	<25.0	60.0	12/21/11 09:16	
Toluene	ug/kg	<25.0	60.0	12/21/11 09:16	
a,a,a-Trifluorotoluene (S)	%.	105	80-120	12/21/11 09:16	

LABORATORY CONTROL SAMPLE & LCSD: 549018 549019

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	979	965	98	96	80-120	1	20	
1,3,5-Trimethylbenzene	ug/kg	1000	977	979	98	98	80-120	.2	20	
Benzene	ug/kg	1000	1050	1050	105	105	80-120	.1	20	
Ethylbenzene	ug/kg	1000	1020	1020	102	102	80-120	.4	20	
Gasoline Range Organics	mg/kg	10	10.3	10.0	103	100	80-120	3	20	
m&p-Xylene	ug/kg	2000	2050	2060	102	103	80-120	.9	20	
Methyl-tert-butyl ether	ug/kg	1000	1040	1030	104	103	80-120	.5	20	
Naphthalene	ug/kg	1000	988	1060	99	106	80-120	7	20	
o-Xylene	ug/kg	1000	1020	1030	102	103	80-120	.7	20	
Toluene	ug/kg	1000	1020	1030	102	103	80-120	.6	20	
a,a,a-Trifluorotoluene (S)	%.				102	101	80-120			

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

QC Batch: PMST/6583 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4054994001, 4054994002, 4054994003, 4054994004, 4054994005, 4054994006, 4054994007

SAMPLE DUPLICATE: 552019

Parameter	Units	4055272004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.5	7.2	5	10	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

QC Batch: PMST/6584 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4054994008, 4054994009, 4054994010, 4054994012, 4054994013

SAMPLE DUPLICATE: 552020

Parameter	Units	4055272003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.6	6.4	2	10	

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QUALIFIERS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4054994

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

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

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Sample Condition Upon Receipt

Client Name: Endeavor Env. Project # 4054994

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

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

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

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

Optional
Proj. Due Date:
Proj. Name:

Thermometer Used N/A Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun.

Cooler Temperature 12oC Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 12/20/11
Initials: KM

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
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.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☑No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 12-20-11

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

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

4054994

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KM

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	Endeavor Env. Services, Inc.
Branch/Location:	Green Bay
Project Contact:	Joseph Ramcheck
Phone:	920-437-2997
Project Number:	P101397.40
Project Name:	Wegner Property (Former)
Project State:	WI
Sampled By (Print):	Joseph Ramcheck
Sampled By (Sign):	
PO #:	
Regulatory Program:	

Quote #:	ACCFA w:c Sch 10
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: GRO	Analyses Requested: PVOC + Naphthalene	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter					
001	GP-10, S-4	12/9/11	945	S	N	F	X	X		I-4020A I-4020gF	
002	GP-10, S-5		950				X	X			
003	GP-11 S-4		1005				X	X			
004	GP-11 S-5		1010				X	X			
005	GP-12 S-4		1025				X	X			
006	GP-12 S-5		1030				X	X			
007	GP-13 S-4		1050				X	X			
008	GP-14 S-5		1120				X	X			
009	GP-15 S-4		1345				X	X			
010	GP-15 S-5		1350				X	X			
011	MeOH Blank		—	MeOH			X	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:
	12/9/11 1700		12/9/11 1700
	12/9/11 1737		12/9/11 1737

PACE Project No.: 4054994

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted N/A

Cooler Custody Seal: Present / Not Present

Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

December 29, 2011

Joe Ramcheck
ENDEAVOR ENVIRONMENTAL SERVICES, INC.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Dear Joe Ramcheck:
Enclosed are the analytical results for sample(s) received by the laboratory on December 27, 2011. 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

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

CERTIFICATIONS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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SAMPLE SUMMARY

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4055267001	**301 ZACHOW ST**	Water	12/27/11 10:16	12/27/11 12:55
4055267002	**MW-1**	Water	12/27/11 10:47	12/27/11 12:55
4055267003	**MW-2**	Water	12/27/11 11:04	12/27/11 12:55
4055267004	**MW-3**	Water	12/27/11 11:22	12/27/11 12:55
4055267005	**MW-4**	Water	12/27/11 11:36	12/27/11 12:55
4055267006	**TRIP BLANK**	Water	12/27/11 00:00	12/27/11 12:55

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SAMPLE ANALYTE COUNT

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4055267001	301 ZACHOW ST	EPA 8260	SMT	64	PASI-G
4055267002	MW-1	EPA 8260	SMT	64	PASI-G
4055267003	MW-2	EPA 8260	SMT	64	PASI-G
4055267004	MW-3	EPA 8260	SMT	64	PASI-G
4055267005	MW-4	EPA 8260	SMT	64	PASI-G
4055267006	TRIP BLANK	EPA 8260	SMT	64	PASI-G

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PROJECT NARRATIVE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Method: EPA 8260
Description: 8260 MSV
Client: ENDEAVOR ENVIRONMENTAL SERVICES, INC.
Date: December 29, 2011

General Information:
6 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Sample: 301 ZACHOW ST **Lab ID: 4055267001** Collected: 12/27/11 10:16 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/28/11 15:57	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/28/11 15:57	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/28/11 15:57	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/28/11 15:57	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/28/11 15:57	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/28/11 15:57	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/28/11 15:57	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/28/11 15:57	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/28/11 15:57	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/28/11 15:57	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/28/11 15:57	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/28/11 15:57	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/28/11 15:57	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/28/11 15:57	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/28/11 15:57	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/28/11 15:57	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/28/11 15:57	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/28/11 15:57	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/28/11 15:57	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/28/11 15:57	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 15:57	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/28/11 15:57	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/28/11 15:57	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/28/11 15:57	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/28/11 15:57	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/28/11 15:57	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/28/11 15:57	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 15:57	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/28/11 15:57	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/28/11 15:57	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/28/11 15:57	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/28/11 15:57	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/28/11 15:57	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/28/11 15:57	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/28/11 15:57	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/28/11 15:57	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/28/11 15:57	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/28/11 15:57	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/28/11 15:57	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/28/11 15:57	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/28/11 15:57	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/28/11 15:57	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/28/11 15:57	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/28/11 15:57	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/28/11 15:57	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/28/11 15:57	630-20-6	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Sample: 301 ZACHOW ST **Lab ID: 4055267001** Collected: 12/27/11 10:16 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/28/11 15:57	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/28/11 15:57	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/28/11 15:57	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/28/11 15:57	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/28/11 15:57	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/28/11 15:57	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/28/11 15:57	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/28/11 15:57	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/28/11 15:57	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/28/11 15:57	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/28/11 15:57	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 15:57	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/28/11 15:57	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/28/11 15:57	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 15:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%.	70-130		1		12/28/11 15:57	460-00-4	
Dibromofluoromethane (S)	99	%.	70-130		1		12/28/11 15:57	1868-53-7	
Toluene-d8 (S)	96	%.	70-130		1		12/28/11 15:57	2037-26-5	

Sample: MW-1 **Lab ID: 4055267002** Collected: 12/27/11 10:47 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/28/11 16:19	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/28/11 16:19	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/28/11 16:19	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/28/11 16:19	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/28/11 16:19	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/28/11 16:19	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/28/11 16:19	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/28/11 16:19	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/28/11 16:19	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/28/11 16:19	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/28/11 16:19	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/28/11 16:19	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/28/11 16:19	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/28/11 16:19	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/28/11 16:19	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/28/11 16:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/28/11 16:19	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/28/11 16:19	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/28/11 16:19	106-93-4	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Sample: MW-1 **Lab ID: 4055267002** Collected: 12/27/11 10:47 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/28/11 16:19	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 16:19	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/28/11 16:19	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/28/11 16:19	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/28/11 16:19	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/28/11 16:19	75-34-3	
1,2-Dichloroethane	**3.7**	ug/L	1.0	0.36	1		12/28/11 16:19	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/28/11 16:19	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 16:19	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/28/11 16:19	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/28/11 16:19	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/28/11 16:19	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/28/11 16:19	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/28/11 16:19	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/28/11 16:19	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/28/11 16:19	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/28/11 16:19	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/28/11 16:19	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/28/11 16:19	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/28/11 16:19	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/28/11 16:19	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/28/11 16:19	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/28/11 16:19	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/28/11 16:19	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/28/11 16:19	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/28/11 16:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/28/11 16:19	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/28/11 16:19	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/28/11 16:19	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/28/11 16:19	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/28/11 16:19	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/28/11 16:19	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/28/11 16:19	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/28/11 16:19	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/28/11 16:19	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/28/11 16:19	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/28/11 16:19	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/28/11 16:19	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 16:19	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/28/11 16:19	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/28/11 16:19	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 16:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%.	70-130		1		12/28/11 16:19	460-00-4	
Dibromofluoromethane (S)	100	%.	70-130		1		12/28/11 16:19	1868-53-7	
Toluene-d8 (S)	95	%.	70-130		1		12/28/11 16:19	2037-26-5	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Sample: MW-2 **Lab ID: 4055267003** Collected: 12/27/11 11:04 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/28/11 16:42	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/28/11 16:42	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/28/11 16:42	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/28/11 16:42	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/28/11 16:42	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/28/11 16:42	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/28/11 16:42	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/28/11 16:42	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/28/11 16:42	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/28/11 16:42	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/28/11 16:42	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/28/11 16:42	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/28/11 16:42	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/28/11 16:42	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/28/11 16:42	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/28/11 16:42	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/28/11 16:42	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/28/11 16:42	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/28/11 16:42	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/28/11 16:42	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 16:42	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/28/11 16:42	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/28/11 16:42	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/28/11 16:42	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/28/11 16:42	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/28/11 16:42	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/28/11 16:42	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 16:42	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/28/11 16:42	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/28/11 16:42	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/28/11 16:42	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/28/11 16:42	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/28/11 16:42	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/28/11 16:42	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/28/11 16:42	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/28/11 16:42	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/28/11 16:42	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/28/11 16:42	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/28/11 16:42	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/28/11 16:42	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/28/11 16:42	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/28/11 16:42	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/28/11 16:42	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/28/11 16:42	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/28/11 16:42	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/28/11 16:42	630-20-6	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Sample: MW-2 **Lab ID: 4055267003** Collected: 12/27/11 11:04 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/28/11 16:42	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/28/11 16:42	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/28/11 16:42	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/28/11 16:42	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/28/11 16:42	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/28/11 16:42	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/28/11 16:42	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/28/11 16:42	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/28/11 16:42	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/28/11 16:42	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/28/11 16:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 16:42	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/28/11 16:42	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/28/11 16:42	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 16:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%.	70-130		1		12/28/11 16:42	460-00-4	
Dibromofluoromethane (S)	102	%.	70-130		1		12/28/11 16:42	1868-53-7	
Toluene-d8 (S)	95	%.	70-130		1		12/28/11 16:42	2037-26-5	

Sample: MW-3 **Lab ID: 4055267004** Collected: 12/27/11 11:22 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/28/11 17:04	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/28/11 17:04	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/28/11 17:04	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/28/11 17:04	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/28/11 17:04	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/28/11 17:04	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/28/11 17:04	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/28/11 17:04	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/28/11 17:04	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/28/11 17:04	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/28/11 17:04	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/28/11 17:04	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/28/11 17:04	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/28/11 17:04	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/28/11 17:04	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/28/11 17:04	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/28/11 17:04	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/28/11 17:04	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/28/11 17:04	106-93-4	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Sample: MW-3 **Lab ID: 4055267004** Collected: 12/27/11 11:22 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/28/11 17:04	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 17:04	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/28/11 17:04	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/28/11 17:04	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/28/11 17:04	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/28/11 17:04	75-34-3	
1,2-Dichloroethane	**21.3**	ug/L	1.0	0.36	1		12/28/11 17:04	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/28/11 17:04	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 17:04	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/28/11 17:04	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/28/11 17:04	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/28/11 17:04	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/28/11 17:04	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/28/11 17:04	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/28/11 17:04	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/28/11 17:04	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/28/11 17:04	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/28/11 17:04	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/28/11 17:04	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/28/11 17:04	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/28/11 17:04	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/28/11 17:04	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/28/11 17:04	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/28/11 17:04	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/28/11 17:04	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/28/11 17:04	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/28/11 17:04	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/28/11 17:04	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/28/11 17:04	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/28/11 17:04	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/28/11 17:04	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/28/11 17:04	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/28/11 17:04	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/28/11 17:04	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/28/11 17:04	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/28/11 17:04	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/28/11 17:04	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/28/11 17:04	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 17:04	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/28/11 17:04	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/28/11 17:04	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 17:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%.	70-130		1		12/28/11 17:04	460-00-4	
Dibromofluoromethane (S)	99	%.	70-130		1		12/28/11 17:04	1868-53-7	
Toluene-d8 (S)	96	%.	70-130		1		12/28/11 17:04	2037-26-5	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Sample: MW-4 **Lab ID: 4055267005** Collected: 12/27/11 11:36 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**7400**	ug/L	50.0	20.5	50		12/28/11 17:27	71-43-2	
Bromobenzene	**<41.0**	ug/L	50.0	41.0	50		12/28/11 17:27	108-86-1	
Bromochloromethane	**<48.5**	ug/L	50.0	48.5	50		12/28/11 17:27	74-97-5	
Bromodichloromethane	**<28.0**	ug/L	50.0	28.0	50		12/28/11 17:27	75-27-4	
Bromoform	**<47.0**	ug/L	50.0	47.0	50		12/28/11 17:27	75-25-2	
Bromomethane	**<45.5**	ug/L	50.0	45.5	50		12/28/11 17:27	74-83-9	
n-Butylbenzene	**<46.5**	ug/L	50.0	46.5	50		12/28/11 17:27	104-51-8	
sec-Butylbenzene	**<44.5**	ug/L	250	44.5	50		12/28/11 17:27	135-98-8	
tert-Butylbenzene	**<48.5**	ug/L	50.0	48.5	50		12/28/11 17:27	98-06-6	
Carbon tetrachloride	**<24.5**	ug/L	50.0	24.5	50		12/28/11 17:27	56-23-5	
Chlorobenzene	**<20.5**	ug/L	50.0	20.5	50		12/28/11 17:27	108-90-7	
Chloroethane	**<48.5**	ug/L	50.0	48.5	50		12/28/11 17:27	75-00-3	
Chloroform	**<65.0**	ug/L	250	65.0	50		12/28/11 17:27	67-66-3	
Chloromethane	**<12.0**	ug/L	50.0	12.0	50		12/28/11 17:27	74-87-3	
2-Chlorotoluene	**<42.5**	ug/L	50.0	42.5	50		12/28/11 17:27	95-49-8	
4-Chlorotoluene	**<37.0**	ug/L	50.0	37.0	50		12/28/11 17:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<84.0**	ug/L	250	84.0	50		12/28/11 17:27	96-12-8	
Dibromochloromethane	**<40.5**	ug/L	50.0	40.5	50		12/28/11 17:27	124-48-1	
1,2-Dibromoethane (EDB)	**<28.0**	ug/L	50.0	28.0	50		12/28/11 17:27	106-93-4	
Dibromomethane	**<30.0**	ug/L	50.0	30.0	50		12/28/11 17:27	74-95-3	
1,2-Dichlorobenzene	**<41.5**	ug/L	50.0	41.5	50		12/28/11 17:27	95-50-1	
1,3-Dichlorobenzene	**<43.5**	ug/L	50.0	43.5	50		12/28/11 17:27	541-73-1	
1,4-Dichlorobenzene	**<47.5**	ug/L	50.0	47.5	50		12/28/11 17:27	106-46-7	
Dichlorodifluoromethane	**<49.5**	ug/L	50.0	49.5	50		12/28/11 17:27	75-71-8	
1,1-Dichloroethane	**<37.5**	ug/L	50.0	37.5	50		12/28/11 17:27	75-34-3	
1,2-Dichloroethane	**<18.0**	ug/L	50.0	18.0	50		12/28/11 17:27	107-06-2	
1,1-Dichloroethene	**<28.5**	ug/L	50.0	28.5	50		12/28/11 17:27	75-35-4	
cis-1,2-Dichloroethene	**<41.5**	ug/L	50.0	41.5	50		12/28/11 17:27	156-59-2	
trans-1,2-Dichloroethene	**<44.5**	ug/L	50.0	44.5	50		12/28/11 17:27	156-60-5	
1,2-Dichloropropane	**<24.5**	ug/L	50.0	24.5	50		12/28/11 17:27	78-87-5	
1,3-Dichloropropane	**<30.5**	ug/L	50.0	30.5	50		12/28/11 17:27	142-28-9	
2,2-Dichloropropane	**<31.0**	ug/L	50.0	31.0	50		12/28/11 17:27	594-20-7	
1,1-Dichloropropene	**<37.5**	ug/L	50.0	37.5	50		12/28/11 17:27	563-58-6	
cis-1,3-Dichloropropene	**<10.0**	ug/L	50.0	10.0	50		12/28/11 17:27	10061-01-5	
trans-1,3-Dichloropropene	**<9.5**	ug/L	50.0	9.5	50		12/28/11 17:27	10061-02-6	
Diisopropyl ether	**<38.0**	ug/L	50.0	38.0	50		12/28/11 17:27	108-20-3	
Ethylbenzene	**1480**	ug/L	50.0	27.0	50		12/28/11 17:27	100-41-4	
Hexachloro-1,3-butadiene	**<33.5**	ug/L	250	33.5	50		12/28/11 17:27	87-68-3	
Isopropylbenzene (Cumene)	**<29.5**	ug/L	50.0	29.5	50		12/28/11 17:27	98-82-8	
p-Isopropyltoluene	**<33.5**	ug/L	50.0	33.5	50		12/28/11 17:27	99-87-6	
Methylene Chloride	**<21.5**	ug/L	50.0	21.5	50		12/28/11 17:27	75-09-2	
Methyl-tert-butyl ether	**<30.5**	ug/L	50.0	30.5	50		12/28/11 17:27	1634-04-4	
Naphthalene	**106J**	ug/L	250	44.5	50		12/28/11 17:27	91-20-3	
n-Propylbenzene	**66.6**	ug/L	50.0	40.5	50		12/28/11 17:27	103-65-1	
Styrene	**<43.0**	ug/L	50.0	43.0	50		12/28/11 17:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<46.0**	ug/L	50.0	46.0	50		12/28/11 17:27	630-20-6	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Sample: MW-4 **Lab ID: 4055267005** Collected: 12/27/11 11:36 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<10.0**	ug/L	50.0	10.0	50		12/28/11 17:27	79-34-5	
Tetrachloroethene	**<22.5**	ug/L	50.0	22.5	50		12/28/11 17:27	127-18-4	
Toluene	**3950**	ug/L	50.0	33.5	50		12/28/11 17:27	108-88-3	
1,2,3-Trichlorobenzene	**<37.0**	ug/L	50.0	37.0	50		12/28/11 17:27	87-61-6	
1,2,4-Trichlorobenzene	**<48.5**	ug/L	250	48.5	50		12/28/11 17:27	120-82-1	
1,1,1-Trichloroethane	**<45.0**	ug/L	50.0	45.0	50		12/28/11 17:27	71-55-6	
1,1,2-Trichloroethane	**<21.0**	ug/L	50.0	21.0	50		12/28/11 17:27	79-00-5	
Trichloroethene	**<24.0**	ug/L	50.0	24.0	50		12/28/11 17:27	79-01-6	
Trichlorofluoromethane	**<39.5**	ug/L	50.0	39.5	50		12/28/11 17:27	75-69-4	
1,2,3-Trichloropropane	**<49.5**	ug/L	50.0	49.5	50		12/28/11 17:27	96-18-4	
1,2,4-Trimethylbenzene	**821**	ug/L	50.0	48.5	50		12/28/11 17:27	95-63-6	
1,3,5-Trimethylbenzene	**248**	ug/L	50.0	41.5	50		12/28/11 17:27	108-67-8	
Vinyl chloride	**<9.0**	ug/L	50.0	9.0	50		12/28/11 17:27	75-01-4	
m&p-Xylene	**5920**	ug/L	100	90.0	50		12/28/11 17:27	179601-23-1	
o-Xylene	**1850**	ug/L	50.0	41.5	50		12/28/11 17:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%.	70-130		50		12/28/11 17:27	460-00-4	
Dibromofluoromethane (S)	98	%.	70-130		50		12/28/11 17:27	1868-53-7	
Toluene-d8 (S)	96	%.	70-130		50		12/28/11 17:27	2037-26-5	

Sample: TRIP BLANK **Lab ID: 4055267006** Collected: 12/27/11 00:00 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/28/11 11:06	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/28/11 11:06	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/28/11 11:06	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/28/11 11:06	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/28/11 11:06	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/28/11 11:06	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/28/11 11:06	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/28/11 11:06	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/28/11 11:06	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/28/11 11:06	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/28/11 11:06	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/28/11 11:06	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/28/11 11:06	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/28/11 11:06	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/28/11 11:06	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/28/11 11:06	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/28/11 11:06	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/28/11 11:06	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/28/11 11:06	106-93-4	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

Sample: TRIP BLANK **Lab ID: 4055267006** Collected: 12/27/11 00:00 Received: 12/27/11 12:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/28/11 11:06	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 11:06	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/28/11 11:06	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/28/11 11:06	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/28/11 11:06	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/28/11 11:06	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/28/11 11:06	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/28/11 11:06	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 11:06	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/28/11 11:06	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/28/11 11:06	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/28/11 11:06	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/28/11 11:06	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/28/11 11:06	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/28/11 11:06	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/28/11 11:06	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/28/11 11:06	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/28/11 11:06	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/28/11 11:06	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/28/11 11:06	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/28/11 11:06	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/28/11 11:06	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/28/11 11:06	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/28/11 11:06	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/28/11 11:06	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/28/11 11:06	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/28/11 11:06	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/28/11 11:06	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/28/11 11:06	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/28/11 11:06	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/28/11 11:06	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/28/11 11:06	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/28/11 11:06	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/28/11 11:06	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/28/11 11:06	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/28/11 11:06	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/28/11 11:06	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/28/11 11:06	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 11:06	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/28/11 11:06	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/28/11 11:06	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/28/11 11:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%.	70-130		1		12/28/11 11:06	460-00-4	
Dibromofluoromethane (S)	107	%.	70-130		1		12/28/11 11:06	1868-53-7	
Toluene-d8 (S)	95	%.	70-130		1		12/28/11 11:06	2037-26-5	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

QC Batch: MSV/13733 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4055267001, 4055267002, 4055267003, 4055267004, 4055267005, 4055267006

METHOD BLANK: 551692 Matrix: Water
Associated Lab Samples: 4055267001, 4055267002, 4055267003, 4055267004, 4055267005, 4055267006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	12/28/11 08:04	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	12/28/11 08:04	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	12/28/11 08:04	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	12/28/11 08:04	
1,1-Dichloroethane	ug/L	<0.75	1.0	12/28/11 08:04	
1,1-Dichloroethene	ug/L	<0.57	1.0	12/28/11 08:04	
1,1-Dichloropropene	ug/L	<0.75	1.0	12/28/11 08:04	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	12/28/11 08:04	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	12/28/11 08:04	
1,2,4-Trichlorobenzene	ug/L	<0.97	5.0	12/28/11 08:04	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	12/28/11 08:04	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	12/28/11 08:04	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	12/28/11 08:04	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	12/28/11 08:04	
1,2-Dichloroethane	ug/L	<0.36	1.0	12/28/11 08:04	
1,2-Dichloropropane	ug/L	<0.49	1.0	12/28/11 08:04	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	12/28/11 08:04	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	12/28/11 08:04	
1,3-Dichloropropane	ug/L	<0.61	1.0	12/28/11 08:04	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	12/28/11 08:04	
2,2-Dichloropropane	ug/L	<0.62	1.0	12/28/11 08:04	
2-Chlorotoluene	ug/L	<0.85	1.0	12/28/11 08:04	
4-Chlorotoluene	ug/L	<0.74	1.0	12/28/11 08:04	
Benzene	ug/L	<0.41	1.0	12/28/11 08:04	
Bromobenzene	ug/L	<0.82	1.0	12/28/11 08:04	
Bromochloromethane	ug/L	<0.97	1.0	12/28/11 08:04	
Bromodichloromethane	ug/L	<0.56	1.0	12/28/11 08:04	
Bromoform	ug/L	<0.94	1.0	12/28/11 08:04	
Bromomethane	ug/L	<0.91	1.0	12/28/11 08:04	
Carbon tetrachloride	ug/L	<0.49	1.0	12/28/11 08:04	
Chlorobenzene	ug/L	<0.41	1.0	12/28/11 08:04	
Chloroethane	ug/L	<0.97	1.0	12/28/11 08:04	
Chloroform	ug/L	<1.3	5.0	12/28/11 08:04	
Chloromethane	ug/L	<0.24	1.0	12/28/11 08:04	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	12/28/11 08:04	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	12/28/11 08:04	
Dibromochloromethane	ug/L	<0.81	1.0	12/28/11 08:04	
Dibromomethane	ug/L	<0.60	1.0	12/28/11 08:04	
Dichlorodifluoromethane	ug/L	<0.99	1.0	12/28/11 08:04	
Diisopropyl ether	ug/L	<0.76	1.0	12/28/11 08:04	
Ethylbenzene	ug/L	<0.54	1.0	12/28/11 08:04	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	12/28/11 08:04	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	12/28/11 08:04	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

METHOD BLANK: 551692 Matrix: Water

Associated Lab Samples: 4055267001, 4055267002, 4055267003, 4055267004, 4055267005, 4055267006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.8	2.0	12/28/11 08:04	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	12/28/11 08:04	
Methylene Chloride	ug/L	<0.43	1.0	12/28/11 08:04	
n-Butylbenzene	ug/L	<0.93	1.0	12/28/11 08:04	
n-Propylbenzene	ug/L	<0.81	1.0	12/28/11 08:04	
Naphthalene	ug/L	<0.89	5.0	12/28/11 08:04	
o-Xylene	ug/L	<0.83	1.0	12/28/11 08:04	
p-Isopropyltoluene	ug/L	<0.67	1.0	12/28/11 08:04	
sec-Butylbenzene	ug/L	<0.89	5.0	12/28/11 08:04	
Styrene	ug/L	<0.86	1.0	12/28/11 08:04	
tert-Butylbenzene	ug/L	<0.97	1.0	12/28/11 08:04	
Tetrachloroethene	ug/L	<0.45	1.0	12/28/11 08:04	
Toluene	ug/L	<0.67	1.0	12/28/11 08:04	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	12/28/11 08:04	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	12/28/11 08:04	
Trichloroethene	ug/L	<0.48	1.0	12/28/11 08:04	
Trichlorofluoromethane	ug/L	<0.79	1.0	12/28/11 08:04	
Vinyl chloride	ug/L	<0.18	1.0	12/28/11 08:04	
4-Bromofluorobenzene (S)	%.	92	70-130	12/28/11 08:04	
Dibromofluoromethane (S)	%.	96	70-130	12/28/11 08:04	
Toluene-d8 (S)	%.	93	70-130	12/28/11 08:04	

LABORATORY CONTROL SAMPLE & LCSD: 551693 551694

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.1	56.6	114	113	70-133	.9	20	
1,1,2,2-Tetrachloroethane	ug/L	50	52.3	52.2	105	104	70-130	.2	20	
1,1,2-Trichloroethane	ug/L	50	52.9	52.4	106	105	70-130	1	20	
1,1-Dichloroethane	ug/L	50	53.8	51.1	108	102	70-130	5	20	
1,1-Dichloroethene	ug/L	50	51.1	50.7	102	101	70-130	.9	20	
1,2,4-Trichlorobenzene	ug/L	50	49.6	50.1	99	100	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	50	46.3	46.3	93	93	50-150	.02	20	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	51.5	104	103	70-130	.8	20	
1,2-Dichlorobenzene	ug/L	50	51.3	50.9	103	102	70-130	.7	20	
1,2-Dichloroethane	ug/L	50	52.6	52.2	105	104	70-145	.9	20	
1,2-Dichloropropane	ug/L	50	57.6	56.8	115	114	70-130	1	20	
1,3-Dichlorobenzene	ug/L	50	51.7	50.9	103	102	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	50.8	49.9	102	100	70-130	2	20	
Benzene	ug/L	50	54.1	54.2	108	108	70-130	.2	20	
Bromodichloromethane	ug/L	50	53.8	53.9	108	108	70-130	.3	20	
Bromoform	ug/L	50	43.7	44.2	87	88	70-130	1	20	
Bromomethane	ug/L	50	50.0	52.6	100	105	52-155	5	20	
Carbon tetrachloride	ug/L	50	52.3	55.4	105	111	70-153	6	20	
Chlorobenzene	ug/L	50	52.2	51.9	104	104	70-130	.5	20	
Chloroethane	ug/L	50	55.8	55.3	112	111	70-130	.9	20	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

LABORATORY CONTROL SAMPLE & LCSD: 551693 551694

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	56.4	55.6	113	111	70-130	1	20	
Chloromethane	ug/L	50	53.6	56.0	107	112	50-130	4	20	
cis-1,2-Dichloroethene	ug/L	50	51.5	50.9	103	102	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	50	57.9	57.7	116	115	70-130	.4	20	
Dibromochloromethane	ug/L	50	51.8	52.2	104	104	70-130	.7	20	
Dichlorodifluoromethane	ug/L	50	47.5	47.7	95	95	50-150	.3	20	
Ethylbenzene	ug/L	50	54.9	54.5	110	109	70-130	.6	20	
Isopropylbenzene (Cumene)	ug/L	50	55.1	54.8	110	110	70-130	.5	20	
m&p-Xylene	ug/L	100	110	108	110	108	70-130	1	20	
Methyl-tert-butyl ether	ug/L	50	49.6	49.4	99	99	70-130	.4	20	
Methylene Chloride	ug/L	50	51.5	51.1	103	102	70-130	.8	20	
o-Xylene	ug/L	50	54.4	54.6	109	109	70-130	.4	20	
Styrene	ug/L	50	55.3	54.5	111	109	70-130	1	20	
Tetrachloroethene	ug/L	50	50.5	50.4	101	101	70-130	.2	20	
Toluene	ug/L	50	55.2	55.4	110	111	70-130	.4	20	
trans-1,2-Dichloroethene	ug/L	50	52.9	52.1	106	104	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	53.6	53.7	107	107	70-130	.1	20	
Trichloroethene	ug/L	50	56.5	55.8	113	112	70-130	1	20	
Trichlorofluoromethane	ug/L	50	53.1	51.8	106	104	50-150	2	20	
Vinyl chloride	ug/L	50	56.1	56.7	112	113	66-130	1	20	
4-Bromofluorobenzene (S)	%.				96	97	70-130			
Dibromofluoromethane (S)	%.				96	96	70-130			
Toluene-d8 (S)	%.				95	93	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 551723 551724

Parameter	Units	4055248003 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	<0.90	50	50	53.4	55.6	107	111	70-133	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	47.7	52.6	95	105	70-130	10	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	50.9	53.6	102	107	70-130	5	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	48.2	49.7	96	99	70-133	3	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	47.0	48.8	94	98	70-130	4	20	
1,2,4-Trichlorobenzene	ug/L	<0.97	50	50	45.8	49.6	92	99	70-130	8	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	50	50	40.9	45.8	82	92	50-150	11	20	
1,2-Dibromoethane (EDB)	ug/L	<0.56	50	50	48.8	52.5	98	105	70-130	7	20	
1,2-Dichlorobenzene	ug/L	<0.83	50	50	46.4	50.0	93	100	70-130	8	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	47.4	50.6	95	101	70-145	6	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	53.6	57.2	107	114	70-130	6	20	
1,3-Dichlorobenzene	ug/L	<0.87	50	50	46.7	50.2	93	100	70-130	7	20	
1,4-Dichlorobenzene	ug/L	<0.95	50	50	46.1	50.0	92	100	70-130	8	20	
Benzene	ug/L	<0.41	50	50	49.4	51.2	99	102	70-130	4	20	
Bromodichloromethane	ug/L	<0.56	50	50	51.4	54.4	103	109	70-130	6	20	
Bromoform	ug/L	<0.94	50	50	42.1	45.1	84	90	70-130	7	20	
Bromomethane	ug/L	<0.91	50	50	50.3	55.0	101	110	52-155	9	20	
Carbon tetrachloride	ug/L	<0.49	50	50	52.3	54.6	105	109	70-158	4	20	
Chlorobenzene	ug/L	<0.41	50	50	48.9	52.1	98	104	70-130	6	20	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 551723 551724

Parameter	Units	4055248003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	<0.97	50	50	52.5	55.8	105	112	70-130	6	20	
Chloroform	ug/L	<1.3	50	50	52.4	54.6	105	109	70-130	4	20	
Chloromethane	ug/L	<0.24	50	50	52.3	53.6	105	107	46-130	2	20	
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	47.9	50.0	96	100	70-130	4	20	
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	56.1	58.1	112	116	70-130	4	20	
Dibromochloromethane	ug/L	<0.81	50	50	49.7	52.4	99	105	70-130	5	20	
Dichlorodifluoromethane	ug/L	<0.99	50	50	42.7	43.5	85	87	50-150	2	20	
Ethylbenzene	ug/L	<0.54	50	50	51.7	54.6	103	109	70-130	5	20	
Isopropylbenzene (Cumene)	ug/L	<0.59	50	50	51.7	54.2	103	108	70-130	5	20	
m&p-Xylene	ug/L		100	100	104	110	104	110	70-130	6	20	
Methyl-tert-butyl ether	ug/L	<0.61	50	50	45.9	49.3	92	99	70-130	7	20	
Methylene Chloride	ug/L	<0.43	50	50	48.5	49.9	97	100	70-130	3	20	
o-Xylene	ug/L		50	50	51.3	54.1	103	108	70-130	5	20	
Styrene	ug/L	<0.86	50	50	51.5	54.9	103	110	19-157	6	20	
Tetrachloroethene	ug/L	<0.45	50	50	48.3	50.0	97	100	70-130	3	20	
Toluene	ug/L	<0.67	50	50	52.4	54.7	105	109	70-130	4	20	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	49.0	50.4	98	101	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	51.7	54.1	103	108	70-130	5	20	
Trichloroethene	ug/L	<0.48	50	50	54.6	56.0	109	112	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.79	50	50	48.4	50.0	97	100	50-150	3	20	
Vinyl chloride	ug/L	<0.18	50	50	52.0	53.2	104	106	62-130	2	20	
4-Bromofluorobenzene (S)	%.						96	98	70-130			
Dibromofluoromethane (S)	%.						95	99	70-130			
Toluene-d8 (S)	%.						97	98	70-130			

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QUALIFIERS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4055267

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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

Pace Analytical

Sample Condition Upon Receipt

Client Name: Endeavor Project # 4055267

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

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

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

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

Thermometer Used N/A Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun.

Cooler Temperature ROT Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Optional
Proj. Due Date:
Proj. Name:

Person examining contents:
Date: 12-27-11
Initials: BJE

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 12/27/11

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

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

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CHAIN OF CUSTODY

JBF

4055267

(Please Print Clearly)	
Company Name:	Endeavor Env. Services, Inc.
Branch/Location:	Green Bay
Project Contact:	Joe Ramacheck
Phone:	920-437-2997
Project Number:	P101397.40
Project Name:	Wagner Property
Project State:	WI
Sampled By (Print):	Cody Brauner
Sampled By (Sign):	Cody Br
PO #:	Regulatory Program:

Quote #:	UDC #10
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

Matrix Codes

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	VOC			
001	301 Zachow St	12/27/11	1016	GW	N	B	X		3-40mL B	
002	MW-1		1047							
003	MW-2		1109							
004	MW-3		1122							
005	MW-4		1136							
006	Trip Blank								2-40mL B	

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
Cody Br	12/27/11 1255	Melke Pace GB	12/27/11 1255

PACE Project No.: 4055267

Receipt Temp = 10.1 °C

Sample Receipt pH OK / Adjusted NA

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

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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March 29, 2012

Joe Ramcheck
ENDEAVOR ENVIRONMENTAL SERVICES, INC.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4058104

Dear Joe Ramcheck:
Enclosed are the analytical results for sample(s) received by the laboratory on March 26, 2012. 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

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

CERTIFICATIONS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4058104

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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SAMPLE SUMMARY

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4058104

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4058104001	MW-1	Water	03/26/12 12:25	03/26/12 15:55
4058104002	MW-2	Water	03/26/12 12:35	03/26/12 15:55
4058104003	MW-3	Water	03/26/12 12:40	03/26/12 15:55
4058104004	MW-4	Water	03/26/12 13:05	03/26/12 15:55
4058104005	TRIP BLANK	Water	03/26/12 00:00	03/26/12 15:55

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SAMPLE ANALYTE COUNT

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4058104

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4058104001	MW-1	WI MOD GRO	PMS	10	PASI-G
4058104002	MW-2	WI MOD GRO	PMS	10	PASI-G
4058104003	MW-3	WI MOD GRO	PMS	10	PASI-G
4058104004	MW-4	WI MOD GRO	PMS	10	PASI-G
4058104005	TRIP BLANK	WI MOD GRO	PMS	10	PASI-G

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PROJECT NARRATIVE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4058104

Method: **WI MOD GRO**
Description: WIGRO GCV
Client: ENDEAVOR ENVIRONMENTAL SERVICES, INC.
Date: March 29, 2012

General Information:
5 samples were analyzed for WI MOD GRO. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4058104

Sample: MW-1 **Lab ID: 4058104001** Collected: 03/26/12 12:25 Received: 03/26/12 15:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		03/28/12 14:56	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		03/28/12 14:56	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		03/28/12 14:56	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		03/28/12 14:56	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		03/28/12 14:56	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		03/28/12 14:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		03/28/12 14:56	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		03/28/12 14:56	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		03/28/12 14:56	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1		03/28/12 14:56	98-08-8	

Sample: MW-2 **Lab ID: 4058104002** Collected: 03/26/12 12:35 Received: 03/26/12 15:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		03/28/12 15:21	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		03/28/12 15:21	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		03/28/12 15:21	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		03/28/12 15:21	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		03/28/12 15:21	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		03/28/12 15:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		03/28/12 15:21	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		03/28/12 15:21	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		03/28/12 15:21	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	80-120		1		03/28/12 15:21	98-08-8	

Sample: MW-3 **Lab ID: 4058104003** Collected: 03/26/12 12:40 Received: 03/26/12 15:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		03/28/12 15:46	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		03/28/12 15:46	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		03/28/12 15:46	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		03/28/12 15:46	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		03/28/12 15:46	108-88-3	
1,2,4-Trimethylbenzene	**0.54J**	ug/L	1.0	0.43	1		03/28/12 15:46	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		03/28/12 15:46	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		03/28/12 15:46	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		03/28/12 15:46	95-47-6	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4058104

Sample: MW-3 **Lab ID: 4058104003** Collected: 03/26/12 12:40 Received: 03/26/12 15:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	80-120		1		03/28/12 15:46	98-08-8	

Sample: MW-4 **Lab ID: 4058104004** Collected: 03/26/12 13:05 Received: 03/26/12 15:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**5230**	ug/L	50.0	19.4	50		03/28/12 11:59	71-43-2	
Ethylbenzene	**1650**	ug/L	50.0	20.7	50		03/28/12 11:59	100-41-4	
Methyl-tert-butyl ether	**<19.0**	ug/L	50.0	19.0	50		03/28/12 11:59	1634-04-4	
Naphthalene	**158**	ug/L	50.0	20.2	50		03/28/12 11:59	91-20-3	
Toluene	**1790**	ug/L	50.0	20.8	50		03/28/12 11:59	108-88-3	
1,2,4-Trimethylbenzene	**908**	ug/L	50.0	21.5	50		03/28/12 11:59	95-63-6	
1,3,5-Trimethylbenzene	**351**	ug/L	50.0	19.8	50		03/28/12 11:59	108-67-8	
m&p-Xylene	**5740**	ug/L	100	43.6	50		03/28/12 11:59	179601-23-1	
o-Xylene	**1040**	ug/L	50.0	19.0	50		03/28/12 11:59	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		50		03/28/12 11:59	98-08-8	

Sample: TRIP BLANK **Lab ID: 4058104005** Collected: 03/26/12 00:00 Received: 03/26/12 15:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		03/28/12 20:49	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		03/28/12 20:49	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		03/28/12 20:49	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		03/28/12 20:49	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		03/28/12 20:49	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		03/28/12 20:49	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		03/28/12 20:49	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		03/28/12 20:49	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		03/28/12 20:49	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	80-120		1		03/28/12 20:49	98-08-8	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4058104

QC Batch: GCV/8153 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 4058104001, 4058104002, 4058104003, 4058104004, 4058104005

METHOD BLANK: 583761 Matrix: Water
Associated Lab Samples: 4058104001, 4058104002, 4058104003, 4058104004, 4058104005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.43	1.0	03/28/12 10:18	
1,3,5-Trimethylbenzene	ug/L	<0.40	1.0	03/28/12 10:18	
Benzene	ug/L	<0.39	1.0	03/28/12 10:18	
Ethylbenzene	ug/L	<0.41	1.0	03/28/12 10:18	
m&p-Xylene	ug/L	<0.87	2.0	03/28/12 10:18	
Methyl-tert-butyl ether	ug/L	<0.38	1.0	03/28/12 10:18	
Naphthalene	ug/L	<0.40	1.0	03/28/12 10:18	
o-Xylene	ug/L	<0.38	1.0	03/28/12 10:18	
Toluene	ug/L	<0.42	1.0	03/28/12 10:18	
a,a,a-Trifluorotoluene (S)	%.	102	80-120	03/28/12 10:18	

LABORATORY CONTROL SAMPLE & LCSD: 583762 583763

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	19.9	19.7	100	99	80-120	1	20	
1,3,5-Trimethylbenzene	ug/L	20	20.7	20.5	104	103	80-120	1	20	
Benzene	ug/L	20	20.8	20.9	104	104	80-120	.5	20	
Ethylbenzene	ug/L	20	20.7	20.6	104	103	80-120	.6	20	
m&p-Xylene	ug/L	40	40.2	39.9	100	100	80-120	.8	20	
Methyl-tert-butyl ether	ug/L	20	19.2	19.1	96	96	80-120	.5	20	
Naphthalene	ug/L	20	21.5	20.7	107	104	80-120	3	20	
o-Xylene	ug/L	20	20.6	20.5	103	102	80-120	.6	20	
Toluene	ug/L	20	20.6	20.5	103	103	80-120	.2	20	
a,a,a-Trifluorotoluene (S)	%.				102	102	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 583824 583825

Parameter	Units	4058104004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	908	1000	1000	1970	1970	106	106	10-200	.1	20	
1,3,5-Trimethylbenzene	ug/L	351	1000	1000	1450	1460	110	111	56-169	.5	20	
Benzene	ug/L	5230	1000	1000	6340	6380	111	115	33-173	.7	20	
Ethylbenzene	ug/L	1650	1000	1000	2730	2740	108	109	49-158	.2	20	
m&p-Xylene	ug/L	5740	2000	2000	7870	7880	107	107	44-163	.2	20	
Methyl-tert-butyl ether	ug/L	<19.0	1000	1000	955	883	96	88	80-130	8	20	
Naphthalene	ug/L	158	1000	1000	1220	1240	106	108	67-141	2	20	
o-Xylene	ug/L	1040	1000	1000	2120	2130	108	109	64-140	.3	20	
Toluene	ug/L	1790	1000	1000	2860	2880	107	109	79-132	.6	20	
a,a,a-Trifluorotoluene (S)	%.						101	101	80-120			

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QUALIFIERS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4058104

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4058104

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4058104001	**MW-1**	WI MOD GRO	GCV/8153		
4058104002	**MW-2**	WI MOD GRO	GCV/8153		
4058104003	**MW-3**	WI MOD GRO	GCV/8153		
4058104004	**MW-4**	WI MOD GRO	GCV/8153		
4058104005	**TRIP BLANK**	WI MOD GRO	GCV/8153		

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Sample Condition Upon Receipt

Client Name: Endeavor Env. Sci. Project # 40258104

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

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

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

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

Optional
Proj. Due Date:
Proj. Name:

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

Cooler Temperature 20 Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 3/26/12
Initials: KE

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 3-27-12

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

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

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CHAIN OF CUSTODY

4058104

(Please Print Clearly)	
Company Name:	Endeavor Env. Services, Inc.
Branch/Location:	Green Bay
Project Contact:	Joseph Ramcheck
Phone:	920-437-2997
Project Number:	P101397.40
Project Name:	Wagner Property (Former)
Project State:	WI
Sampled By (Print):	Joseph Ramcheck
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	DECFA U:C
Mail To Contact:	Joseph Ramcheck
Mail To Company:	Endeavor Env. Services, Inc.
Mail To Address:	2280-B Schneider Court Green Bay, WI 54313
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: PVOC	Naphthalene	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter					
					N	B					
001	MW-1	3/26/12	1225	GW			X	X		3-40mL B	
002	MW-2		1235								
003	MW-3		1240								
004	MW-4		1305								
005	Trip Blank		—	TRIP						1-40mL B	

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

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/26/12 1555	Pace	3/26/12 1555

PACE Project No.: 4058104

Receipt Temp = 2.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

April 25, 2012

Joe Ramcheck
ENDEAVOR ENVIRONMENTAL SERVICES, INC.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059199

Dear Joe Ramcheck:
Enclosed are the analytical results for sample(s) received by the laboratory on April 23, 2012. 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

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CERTIFICATIONS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059199

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059199

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4059199001	**MW-10/S-3**	Solid	04/17/12 13:20	04/23/12 11:30
4059199002	**MW-10/S-4**	Solid	04/17/12 13:30	04/23/12 11:30
4059199003	**MEOH BLANK**	Solid	04/17/12 00:00	04/23/12 11:30

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SAMPLE ANALYTE COUNT

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059199

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4059199001	**MW-10/S-3**	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
4059199002	**MW-10/S-4**	WI MOD GRO	PMS	11	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
4059199003	**MEOH BLANK**	WI MOD GRO	PMS	11	PASI-G

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059199

Sample: MW-10/S-3 **Lab ID: 4059199001** Collected: 04/17/12 13:20 Received: 04/23/12 11:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 12:04	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 12:04	100-41-4	W
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	04/24/12 07:01	04/24/12 12:04		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 12:04	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 12:04	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 12:04	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 12:04	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 12:04	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/24/12 07:01	04/24/12 12:04	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 12:04	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/24/12 07:01	04/24/12 12:04	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.6**	%	0.10	0.10	1		04/24/12 09:45		

Sample: MW-10/S-4 **Lab ID: 4059199002** Collected: 04/17/12 13:30 Received: 04/23/12 11:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 18:55	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 18:55	100-41-4	W
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	04/24/12 07:01	04/24/12 18:55		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 18:55	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 18:55	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 18:55	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 18:55	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 18:55	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/24/12 07:01	04/24/12 18:55	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 18:55	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%.	80-120		1	04/24/12 07:01	04/24/12 18:55	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.7**	%	0.10	0.10	1		04/24/12 09:45		

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059199

Sample: MEOH BLANK **Lab ID: 4059199003** Collected: 04/17/12 00:00 Received: 04/23/12 11:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 19:21	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 19:21	100-41-4	W
Gasoline Range Organics	**<2.5**	mg/kg	2.5	2.5	1	04/24/12 07:01	04/24/12 19:21		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 19:21	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 19:21	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 19:21	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 19:21	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 19:21	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/24/12 07:01	04/24/12 19:21	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/24/12 07:01	04/24/12 19:21	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/24/12 07:01	04/24/12 19:21	98-08-8	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059199

QC Batch: GCV/8277 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4059199001, 4059199002, 4059199003

METHOD BLANK: 595331 Matrix: Solid
Associated Lab Samples: 4059199001, 4059199002, 4059199003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	04/24/12 08:34	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	04/24/12 08:34	
Benzene	ug/kg	<25.0	60.0	04/24/12 08:34	
Ethylbenzene	ug/kg	<25.0	60.0	04/24/12 08:34	
Gasoline Range Organics	mg/kg	<2.5	2.5	04/24/12 08:34	
m&p-Xylene	ug/kg	<50.0	120	04/24/12 08:34	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	04/24/12 08:34	
Naphthalene	ug/kg	<25.0	60.0	04/24/12 08:34	
o-Xylene	ug/kg	<25.0	60.0	04/24/12 08:34	
Toluene	ug/kg	<25.0	60.0	04/24/12 08:34	
a,a,a-Trifluorotoluene (S)	%.	103	80-120	04/24/12 08:34	

LABORATORY CONTROL SAMPLE & LCSD: 595332 595333

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	998	1000	100	100	80-120	0	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1030	1040	103	104	80-120	0	20	
Benzene	ug/kg	1000	1130	1120	113	112	80-120	1	20	
Ethylbenzene	ug/kg	1000	1080	1080	108	108	80-120	1	20	
Gasoline Range Organics	mg/kg	10	10.1	10.6	101	106	80-120	5	20	
m&p-Xylene	ug/kg	2000	2120	2110	106	106	80-120	0	20	
Methyl-tert-butyl ether	ug/kg	1000	1110	1100	111	110	80-120	1	20	
Naphthalene	ug/kg	1000	982	1050	98	105	80-120	7	20	
o-Xylene	ug/kg	1000	1080	1070	108	107	80-120	0	20	
Toluene	ug/kg	1000	1090	1080	109	108	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%.				102	103	80-120			

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059199

QC Batch: PMST/6959
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4059199001, 4059199002

SAMPLE DUPLICATE: 595241

Parameter	Units	4059116004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.9	16.5	2	10	

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059199

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059199

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4059199001	**MW-10/S-3**	TPH GRO/PVOC WI ext.	GCV/8277	WI MOD GRO	GCV/8287
4059199002	**MW-10/S-4**	TPH GRO/PVOC WI ext.	GCV/8277	WI MOD GRO	GCV/8287
4059199003	**MEOH BLANK**	TPH GRO/PVOC WI ext.	GCV/8277	WI MOD GRO	GCV/8287
4059199001	**MW-10/S-3**	ASTM D2974-87	PMST/6959		
4059199002	**MW-10/S-4**	ASTM D2974-87	PMST/6959		

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Pace Analytical

Sample Condition Upon Receipt

Client Name: Endeavor Project # 4059177

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other ____

Tracking #: ____

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

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

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

Optional
Proj. Due Date:
Proj. Name:

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

Cooler Temperature ROI Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 4/23/12
Initials: EMH

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
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. No dates or times on dry weight volume for 00N002 EMH 4/23/12
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: ____ Date/Time: ____

Comments/ Resolution: ____

Project Manager Review: ____ **Date:** 4-23-12

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

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UPPER MIDWEST REGION
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Page 1 of 1

4059199

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	Enclean Env. Services
Branch/Location:	Green Bay, WI
Project Contact:	Joe Ramcheck
Phone:	(920) 437-2997
Project Number:	P101397.40
Project Name:	Wegner Property (Former)
Project State:	WI
Sampled By (Print):	Mark Love
Sampled By (Sign):	Mark Love
PO #:	Regulatory Program:

Quote #:	PECFA #:C
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: GRO	RVOC	Naphthalene	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-10/S-3	4/17/12	1:20	Soil			X	X	X		1-40mlF ; 1-4ozpA	
002	MW-10/S-4	4/17/12	1:30	Soil			X	X	X			
003	Meoh Blank	4/17/12					X	X	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:
Mark Love	4/23/12 8:30A		4/23/12 0830
	4/23/12 1130	Eric Nelson	PaceGB 4/23/12 1130

PACE Project No. 4059199

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted N/A

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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April 27, 2012

Joe Ramcheck
ENDEAVOR ENVIRONMENTAL SERVICES, INC.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059200

Dear Joe Ramcheck:
Enclosed are the analytical results for sample(s) received by the laboratory on April 23, 2012. 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

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CERTIFICATIONS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059200

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059200

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4059200001	**MW-10**	Water	04/19/12 16:15	04/23/12 11:30
4059200002	**TRIP BLANK**	Water	04/19/12 00:00	04/23/12 11:30

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SAMPLE ANALYTE COUNT

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059200

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4059200001	MW-10	WI MOD GRO	LCM	10	PASI-G
4059200002	TRIP BLANK	WI MOD GRO	LCM	10	PASI-G

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PROJECT NARRATIVE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059200

Method: **WI MOD GRO**
Description: WIGRO GCV
Client: ENDEAVOR ENVIRONMENTAL SERVICES, INC.
Date: April 27, 2012

General Information:
2 samples were analyzed for WI MOD GRO. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: GCV/8291

1q: Unable to reanalyze ms/msd pair at a lower dilution due to insufficient volume

- MS (Lab ID: 596429)
  - a,a,a-Trifluorotoluene (S)
- MSD (Lab ID: 596430)
  - a,a,a-Trifluorotoluene (S)

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059200

Sample: MW-10 **Lab ID: 4059200001** Collected: 04/19/12 16:15 Received: 04/23/12 11:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		04/26/12 01:13	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		04/26/12 01:13	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		04/26/12 01:13	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		04/26/12 01:13	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		04/26/12 01:13	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		04/26/12 01:13	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		04/26/12 01:13	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		04/26/12 01:13	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		04/26/12 01:13	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	80-120		1		04/26/12 01:13	98-08-8	

Sample: TRIP BLANK **Lab ID: 4059200002** Collected: 04/19/12 00:00 Received: 04/23/12 11:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		04/26/12 00:47	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		04/26/12 00:47	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		04/26/12 00:47	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		04/26/12 00:47	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		04/26/12 00:47	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		04/26/12 00:47	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		04/26/12 00:47	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		04/26/12 00:47	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		04/26/12 00:47	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1		04/26/12 00:47	98-08-8	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059200

QC Batch: GCV/8291 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 4059200001, 4059200002

METHOD BLANK: 596010 Matrix: Water
Associated Lab Samples: 4059200001, 4059200002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.43	1.0	04/25/12 14:26	
1,3,5-Trimethylbenzene	ug/L	<0.40	1.0	04/25/12 14:26	
Benzene	ug/L	<0.39	1.0	04/25/12 14:26	
Ethylbenzene	ug/L	<0.41	1.0	04/25/12 14:26	
m&p-Xylene	ug/L	<0.87	2.0	04/25/12 14:26	
Methyl-tert-butyl ether	ug/L	<0.38	1.0	04/25/12 14:26	
Naphthalene	ug/L	<0.40	1.0	04/25/12 14:26	
o-Xylene	ug/L	<0.38	1.0	04/25/12 14:26	
Toluene	ug/L	<0.42	1.0	04/25/12 14:26	
a,a,a-Trifluorotoluene (S)	%.	102	80-120	04/25/12 14:26	

LABORATORY CONTROL SAMPLE & LCSD: 596011 596012

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.1	20.0	101	100	80-120	0	20	
1,3,5-Trimethylbenzene	ug/L	20	20.8	20.7	104	103	80-120	1	20	
Benzene	ug/L	20	21.3	21.2	107	106	80-120	1	20	
Ethylbenzene	ug/L	20	20.8	20.7	104	103	80-120	1	20	
m&p-Xylene	ug/L	40	41.0	40.7	102	102	80-120	1	20	
Methyl-tert-butyl ether	ug/L	20	19.4	18.8	97	94	80-120	3	20	
Naphthalene	ug/L	20	19.2	18.6	96	93	80-120	3	20	
o-Xylene	ug/L	20	20.9	20.8	104	104	80-120	1	20	
Toluene	ug/L	20	20.9	20.8	105	104	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%.				101	101	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 596429 596430

Parameter	Units	4059084025 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	5.0	200	200	218	216	106	105	10-200	1	20	
1,3,5-Trimethylbenzene	ug/L	1.4	200	200	227	226	113	112	56-169	0	20	
Benzene	ug/L	36.8	200	200	253	252	108	107	33-173	0	20	
Ethylbenzene	ug/L	3.1	200	200	227	225	112	111	49-158	1	20	
m&p-Xylene	ug/L	3.0	400	400	443	441	110	110	44-163	0	20	
Methyl-tert-butyl ether	ug/L	<0.38	200	200	192	195	96	97	80-130	1	20	
Naphthalene	ug/L	95.4	200	200	259	276	82	90	67-141	6	20	
o-Xylene	ug/L	5.9	200	200	226	225	110	110	64-140	0	20	
Toluene	ug/L	<0.42	200	200	224	223	112	111	79-132	1	20	
a,a,a-Trifluorotoluene (S)	%.						101	101	80-120			1q

REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALIFIERS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059200

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

1q Unable to reanalyze ms/msd pair at a lower dilution due to insufficient volume

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4059200

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4059200001	**MW-10**	WI MOD GRO	GCV/8291		
4059200002	**TRIP BLANK**	WI MOD GRO	GCV/8291		

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Sample Condition Upon Receipt

Client Name: Endeavor Project # 4059200

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

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

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

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

Optional
Proj. Due Date:
Proj. Name:

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

Cooler Temperature RoT Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 4/23/12
Initials: EMH

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 4-23-12

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

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

Page 1 of

4059200

EMHV

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	Erdman Env. Services, Inc.
Branch/Location:	Green Bay
Project Contact:	Joseph Ramcheck
Phone:	920-437-2997
Project Number:	P101397.40
Project Name:	Wegner Property (Former)
Project State:	WI
Sampled By (Print):	Joseph Ramcheck
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	ACCTA 4°C
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

Matrix Codes

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: FILTERED? (YES/NO)	Analyses Requested: PRESERVATION (CODE)*	Analyses Requested:	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	PVOC Naphthalene			
001	MW-10	4/19/12	1615	GW	N	B	X X		3-40ml VB	
002	Trip Blank	↓	—	Trip	N	B	X X		2-40ml VB	

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:
	4/23/12 1130	Pace GB	4/23/12 1130

PACE Project No.: 4059200

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted N/A

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

Version 6.0 05/14/06

C019a(27Jun2006)

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July 05, 2012

Joe Ramcheck
ENDEAVOR ENVIRONMENTAL SERVICES, INC.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

Dear Joe Ramcheck:
Enclosed are the analytical results for sample(s) received by the laboratory on June 26, 2012. 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

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CERTIFICATIONS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4062468001	MW-1	Water	06/25/12 11:20	06/26/12 14:35
4062468002	MW-2	Water	06/25/12 11:35	06/26/12 14:35
4062468003	MW-10	Water	06/25/12 11:45	06/26/12 14:35
4062468004	MW-3	Water	06/25/12 12:10	06/26/12 14:35
4062468005	MW-4	Water	06/25/12 12:30	06/26/12 14:35
4062468006	TRIP BLANK	Water	06/25/12 00:00	06/26/12 14:35

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SAMPLE ANALYTE COUNT

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4062468001	MW-1	WI MOD GRO	LCM	10	PASI-G
4062468002	MW-2	WI MOD GRO	LCM	10	PASI-G
4062468003	MW-10	WI MOD GRO	LCM	10	PASI-G
4062468004	MW-3	WI MOD GRO	LCM	10	PASI-G
4062468005	MW-4	WI MOD GRO	LCM	10	PASI-G
4062468006	TRIP BLANK	WI MOD GRO	LCM	10	PASI-G

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PROJECT NARRATIVE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

Method: WI MOD GRO
Description: WIGRO GCV
Client: ENDEAVOR ENVIRONMENTAL SERVICES, INC.
Date: July 05, 2012

General Information:
6 samples were analyzed for WI MOD GRO. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

Sample: MW-1 **Lab ID: 4062468001** Collected: 06/25/12 11:20 Received: 06/26/12 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**0.50J**	ug/L	1.0	0.39	1		06/29/12 10:31	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		06/29/12 10:31	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		06/29/12 10:31	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		06/29/12 10:31	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		06/29/12 10:31	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		06/29/12 10:31	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/29/12 10:31	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		06/29/12 10:31	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		06/29/12 10:31	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	80-120		1		06/29/12 10:31	98-08-8	

Sample: MW-2 **Lab ID: 4062468002** Collected: 06/25/12 11:35 Received: 06/26/12 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		06/28/12 15:03	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		06/28/12 15:03	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		06/28/12 15:03	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		06/28/12 15:03	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		06/28/12 15:03	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		06/28/12 15:03	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/28/12 15:03	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		06/28/12 15:03	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		06/28/12 15:03	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1		06/28/12 15:03	98-08-8	

Sample: MW-10 **Lab ID: 4062468003** Collected: 06/25/12 11:45 Received: 06/26/12 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		06/28/12 15:29	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		06/28/12 15:29	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		06/28/12 15:29	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		06/28/12 15:29	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		06/28/12 15:29	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		06/28/12 15:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/28/12 15:29	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		06/28/12 15:29	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		06/28/12 15:29	95-47-6	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

Sample: MW-10 **Lab ID: 4062468003** Collected: 06/25/12 11:45 Received: 06/26/12 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1		06/28/12 15:29	98-08-8	

Sample: MW-3 **Lab ID: 4062468004** Collected: 06/25/12 12:10 Received: 06/26/12 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		06/28/12 15:55	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		06/28/12 15:55	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		06/28/12 15:55	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		06/28/12 15:55	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		06/28/12 15:55	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		06/28/12 15:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/28/12 15:55	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		06/28/12 15:55	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		06/28/12 15:55	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	80-120		1		06/28/12 15:55	98-08-8	

Sample: MW-4 **Lab ID: 4062468005** Collected: 06/25/12 12:30 Received: 06/26/12 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**1050**	ug/L	50.0	19.4	50		06/28/12 19:48	71-43-2	
Ethylbenzene	**4400**	ug/L	50.0	20.7	50		06/28/12 19:48	100-41-4	
Methyl-tert-butyl ether	**<19.0**	ug/L	50.0	19.0	50		06/28/12 19:48	1634-04-4	
Naphthalene	**543**	ug/L	50.0	20.2	50		06/28/12 19:48	91-20-3	
Toluene	**365**	ug/L	50.0	20.8	50		06/28/12 19:48	108-88-3	
1,2,4-Trimethylbenzene	**2340**	ug/L	50.0	21.5	50		06/28/12 19:48	95-63-6	
1,3,5-Trimethylbenzene	**813**	ug/L	50.0	19.8	50		06/28/12 19:48	108-67-8	
m&p-Xylene	**12800**	ug/L	100	43.6	50		06/28/12 19:48	179601-23-1	
o-Xylene	**861**	ug/L	50.0	19.0	50		06/28/12 19:48	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		50		06/28/12 19:48	98-08-8	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

Sample: TRIP BLANK **Lab ID: 4062468006** Collected: 06/25/12 00:00 Received: 06/26/12 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		06/28/12 16:21	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		06/28/12 16:21	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		06/28/12 16:21	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		06/28/12 16:21	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		06/28/12 16:21	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		06/28/12 16:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/28/12 16:21	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		06/28/12 16:21	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		06/28/12 16:21	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1		06/28/12 16:21	98-08-8	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

QC Batch: GCV/8591 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 4062468001, 4062468002, 4062468003, 4062468004, 4062468005, 4062468006

METHOD BLANK: 628022 Matrix: Water
Associated Lab Samples: 4062468001, 4062468002, 4062468003, 4062468004, 4062468005, 4062468006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.43	1.0	06/28/12 11:08	
1,3,5-Trimethylbenzene	ug/L	<0.40	1.0	06/28/12 11:08	
Benzene	ug/L	<0.39	1.0	06/28/12 11:08	
Ethylbenzene	ug/L	<0.41	1.0	06/28/12 11:08	
m&p-Xylene	ug/L	<0.87	2.0	06/28/12 11:08	
Methyl-tert-butyl ether	ug/L	<0.38	1.0	06/28/12 11:08	
Naphthalene	ug/L	<0.40	1.0	06/28/12 11:08	
o-Xylene	ug/L	<0.38	1.0	06/28/12 11:08	
Toluene	ug/L	<0.42	1.0	06/28/12 11:08	
a,a,a-Trifluorotoluene (S)	%.	101	80-120	06/28/12 11:08	

LABORATORY CONTROL SAMPLE & LCSD: 628023 628024

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	19.6	20.2	98	101	80-120	3	20	
1,3,5-Trimethylbenzene	ug/L	20	20.5	21.2	103	106	80-120	3	20	
Benzene	ug/L	20	21.5	21.6	108	108	80-120	0	20	
Ethylbenzene	ug/L	20	20.8	21.2	104	106	80-120	2	20	
m&p-Xylene	ug/L	40	40.6	41.6	102	104	80-120	2	20	
Methyl-tert-butyl ether	ug/L	20	20.1	20.1	100	100	80-120	0	20	
Naphthalene	ug/L	20	19.2	20.1	96	101	80-120	4	20	
o-Xylene	ug/L	20	20.6	21.1	103	106	80-120	2	20	
Toluene	ug/L	20	21.0	21.3	105	106	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%.				100	100	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 628042 628043

Parameter	Units	4062454004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	3020	1000	1000	4130	4120	111	110	10-200	0	20	
1,3,5-Trimethylbenzene	ug/L	866	1000	1000	2010	2010	114	115	56-169	0	20	
Benzene	ug/L	1360	1000	1000	2480	2470	112	111	33-173	1	20	
Ethylbenzene	ug/L	2370	1000	1000	3530	3520	115	114	49-158	0	20	
m&p-Xylene	ug/L		2000	2000	10500	10500	115	114	44-163	0	20	
Methyl-tert-butyl ether	ug/L	<19.0	1000	1000	1010	982	101	98	80-130	3	20	
Naphthalene	ug/L	686	1000	1000	1670	1650	99	97	67-141	1	20	
o-Xylene	ug/L		1000	1000	3680	3680	114	114	64-140	0	20	
Toluene	ug/L	7720	1000	1000	8910	8840	119	112	79-132	1	20	
a,a,a-Trifluorotoluene (S)	%.						100	99	80-120			

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QUALIFIERS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4062468

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4062468001	MW-1	WI MOD GRO	GCV/8591		
4062468002	MW-2	WI MOD GRO	GCV/8591		
4062468003	MW-10	WI MOD GRO	GCV/8591		
4062468004	MW-3	WI MOD GRO	GCV/8591		
4062468005	MW-4	WI MOD GRO	GCV/8591		
4062468006	TRIP BLANK	WI MOD GRO	GCV/8591		

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Sample Condition Upon Receipt

Client Name: Endeavor Env. Service Project # 40624 68

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

Tracking #: _____

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

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

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

Thermometer Used N/A Type of Ice: (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun.

Cooler Temperature ROI Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

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

Comments:

Person examining contents:
Date: 6-26-12
Initials: SKL

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.
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	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☒Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 6-27-12

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

(Please Print Clearly)

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

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CHAIN OF CUSTODY

4062468

Company Name:	Endeavor Env. Services Inc.
Branch/Location:	Green Bay
Project Contact:	Joseph Ramchock
Phone:	920-437-2997
Project Number:	4101397.40
Project Name:	Wegner Property (Former)
Project State:	WI
Sampled By (Print):	Joseph Ramchock
Sampled By (Sign):	
PO #:	
Regulatory Program:	

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

Quote #:	PEORA U.C
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: VOC	Naphthalene	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	N	N			
							B	B			
001	MW-1	6/25/12	1120	GW			X	X		3-40ml VB	
002	MW-2		1135								
003	MW-10		1145								
004	MW-3		1210								
005	MW-4		1230								
006	Trip Blank		—	Trip						2-40ml VB	

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:
	06/26/12 0915	Mark W. Yank	6/26/12 0915
Mark W. Yank	6/26/12 1435	Susan Leslie	6/26/12 1435

PACE Project No.
4062468
Receipt Temp = 20.1 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/08

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September 10, 2012

Joe Ramcheck
ENDEAVOR ENVIRONMENTAL SERVICES, INC.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

Dear Joe Ramcheck:
Enclosed are the analytical results for sample(s) received by the laboratory on August 27, 2012. 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

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CERTIFICATIONS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nebraska Certification #: Pace
Nevada Certification #: MN_00064
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

Green Bay Certification IDs
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Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4066005001	301 ZACHOW ST	Water	08/27/12 12:07	08/27/12 17:00
4066005002	MW-2	Water	08/27/12 11:28	08/27/12 17:00
4066005003	MW-10	Water	08/27/12 11:40	08/27/12 17:00
4066005004	MW-1	Water	08/27/12 11:56	08/27/12 17:00
4066005005	MW-3	Water	08/27/12 12:22	08/27/12 17:00
4066005006	MW-4	Water	08/27/12 12:35	08/27/12 17:00
4066005007	TRIP BLANK	Water	08/27/12 00:00	08/27/12 17:00

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SAMPLE ANALYTE COUNT

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4066005001	301 ZACHOW ST	EPA 524.2	DJT	76	PASI-M
4066005002	MW-2	WI MOD GRO	LCM	10	PASI-G
4066005003	MW-10	WI MOD GRO	LCM	10	PASI-G
4066005004	MW-1	WI MOD GRO	LCM	10	PASI-G
4066005005	MW-3	WI MOD GRO	LCM	10	PASI-G
4066005006	MW-4	WI MOD GRO	LCM	10	PASI-G
4066005007	TRIP BLANK	WI MOD GRO	LCM	10	PASI-G

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

Sample: 301 ZACHOW ST **Lab ID: 4066005001** Collected: 08/27/12 12:07 Received: 08/27/12 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	**<1.1**	ug/L	25.0	1.1	1		09/06/12 03:10	67-64-1	
Acrylonitrile	**<5.0**	ug/L	10.0	5.0	1		09/06/12 03:10	107-13-1	
Benzene	**0.42J**	ug/L	0.50	0.047	1		09/06/12 03:10	71-43-2	
Bromobenzene	**<0.095**	ug/L	0.50	0.095	1		09/06/12 03:10	108-86-1	
Bromochloromethane	**<0.11**	ug/L	1.0	0.11	1		09/06/12 03:10	74-97-5	
Bromodichloromethane	**<0.066**	ug/L	0.50	0.066	1		09/06/12 03:10	75-27-4	
Bromoform	**<0.14**	ug/L	4.0	0.14	1		09/06/12 03:10	75-25-2	
Bromomethane	**<0.33**	ug/L	1.0	0.33	1		09/06/12 03:10	74-83-9	
2-Butanone (MEK)	**<0.53**	ug/L	4.0	0.53	1		09/06/12 03:10	78-93-3	
n-Butylbenzene	**<0.088**	ug/L	0.50	0.088	1		09/06/12 03:10	104-51-8	
sec-Butylbenzene	**<0.082**	ug/L	0.50	0.082	1		09/06/12 03:10	135-98-8	
tert-Butylbenzene	**<0.082**	ug/L	0.50	0.082	1		09/06/12 03:10	98-06-6	
Carbon disulfide	**0.15J**	ug/L	1.0	0.13	1		09/06/12 03:10	75-15-0	
Carbon tetrachloride	**<0.094**	ug/L	1.0	0.094	1		09/06/12 03:10	56-23-5	
Chlorobenzene	**<0.071**	ug/L	0.50	0.071	1		09/06/12 03:10	108-90-7	
Chloroethane	**<0.31**	ug/L	4.0	0.31	1		09/06/12 03:10	75-00-3	
Chloroform	**<0.086**	ug/L	0.50	0.086	1		09/06/12 03:10	67-66-3	
Chloromethane	**<0.13**	ug/L	1.0	0.13	1		09/06/12 03:10	74-87-3	
2-Chlorotoluene	**<0.080**	ug/L	0.50	0.080	1		09/06/12 03:10	95-49-8	
4-Chlorotoluene	**<0.068**	ug/L	0.50	0.068	1		09/06/12 03:10	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.80**	ug/L	4.0	0.80	1		09/06/12 03:10	96-12-8	
Dibromochloromethane	**<0.084**	ug/L	0.50	0.084	1		09/06/12 03:10	124-48-1	
1,2-Dibromoethane (EDB)	**<0.10**	ug/L	0.50	0.10	1		09/06/12 03:10	106-93-4	
Dibromomethane	**<0.089**	ug/L	0.50	0.089	1		09/06/12 03:10	74-95-3	
1,2-Dichlorobenzene	**<0.25**	ug/L	0.50	0.25	1		09/06/12 03:10	95-50-1	
1,3-Dichlorobenzene	**<0.088**	ug/L	0.50	0.088	1		09/06/12 03:10	541-73-1	
1,4-Dichlorobenzene	**<0.25**	ug/L	0.50	0.25	1		09/06/12 03:10	106-46-7	
trans-1,4-Dichloro-2-butene	**<0.27**	ug/L	10.0	0.27	1		09/06/12 03:10	110-57-6	
Dichlorodifluoromethane	**<0.22**	ug/L	0.50	0.22	1		09/06/12 03:10	75-71-8	
1,1-Dichloroethane	**<0.072**	ug/L	0.50	0.072	1		09/06/12 03:10	75-34-3	
1,2-Dichloroethane	**<0.053**	ug/L	0.50	0.053	1		09/06/12 03:10	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.50	0.16	1		09/06/12 03:10	75-35-4	
cis-1,2-Dichloroethene	**<0.080**	ug/L	0.50	0.080	1		09/06/12 03:10	156-59-2	
trans-1,2-Dichloroethene	**<0.14**	ug/L	0.50	0.14	1		09/06/12 03:10	156-60-5	
1,2-Dichloropropane	**<0.12**	ug/L	4.0	0.12	1		09/06/12 03:10	78-87-5	
1,3-Dichloropropane	**<0.096**	ug/L	0.50	0.096	1		09/06/12 03:10	142-28-9	
2,2-Dichloropropane	**<0.15**	ug/L	1.0	0.15	1		09/06/12 03:10	594-20-7	
1,1-Dichloropropene	**<0.11**	ug/L	0.50	0.11	1		09/06/12 03:10	563-58-6	
cis-1,3-Dichloropropene	**<0.18**	ug/L	0.50	0.18	1		09/06/12 03:10	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.50	0.18	1		09/06/12 03:10	10061-02-6	
Ethylbenzene	**<0.078**	ug/L	0.50	0.078	1		09/06/12 03:10	100-41-4	
Ethyl methacrylate	**<0.52**	ug/L	4.0	0.52	1		09/06/12 03:10	97-63-2	
Hexachloro-1,3-butadiene	**<0.22**	ug/L	5.0	0.22	1		09/06/12 03:10	87-68-3	
2-Hexanone	**<1.0**	ug/L	4.0	1.0	1		09/06/12 03:10	591-78-6	
Isopropylbenzene (Cumene)	**<0.11**	ug/L	0.50	0.11	1		09/06/12 03:10	98-82-8	
p-Isopropyltoluene	**<0.090**	ug/L	0.50	0.090	1		09/06/12 03:10	99-87-6	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

Sample: 301 ZACHOW ST **Lab ID: 4066005001** Collected: 08/27/12 12:07 Received: 08/27/12 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Methylene Chloride	**<2.0**	ug/L	4.0	2.0	1		09/06/12 03:10	75-09-2	
Methyl methacrylate	**<0.080**	ug/L	4.0	0.080	1		09/06/12 03:10	80-62-6	
4-Methyl-2-pentanone (MIBK)	**<2.0**	ug/L	4.0	2.0	1		09/06/12 03:10	108-10-1	
Methyl-tert-butyl ether	**<0.048**	ug/L	0.50	0.048	1		09/06/12 03:10	1634-04-4	
Naphthalene	**<0.11**	ug/L	1.0	0.11	1		09/06/12 03:10	91-20-3	
2-Nitropropane	**<1.4**	ug/L	10.0	1.4	1		09/06/12 03:10	79-46-9	
n-Propylbenzene	**<0.069**	ug/L	0.50	0.069	1		09/06/12 03:10	103-65-1	
Styrene	**<0.075**	ug/L	0.50	0.075	1		09/06/12 03:10	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.082**	ug/L	0.50	0.082	1		09/06/12 03:10	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.075**	ug/L	0.50	0.075	1		09/06/12 03:10	79-34-5	
Tetrachloroethene	**<0.16**	ug/L	0.50	0.16	1		09/06/12 03:10	127-18-4	
Toluene	**0.17J**	ug/L	0.50	0.065	1		09/06/12 03:10	108-88-3	
Total Trihalomethanes (Calc.)	**<1.8**	ug/L	3.5	1.8	1		09/06/12 03:10		
1,2,3-Trichlorobenzene	**<0.099**	ug/L	0.50	0.099	1		09/06/12 03:10	87-61-6	
1,2,4-Trichlorobenzene	**<0.098**	ug/L	0.50	0.098	1		09/06/12 03:10	120-82-1	
1,1,1-Trichloroethane	**<0.15**	ug/L	0.50	0.15	1		09/06/12 03:10	71-55-6	
1,1,2-Trichloroethane	**<0.12**	ug/L	0.50	0.12	1		09/06/12 03:10	79-00-5	
Trichloroethene	**<0.11**	ug/L	0.50	0.11	1		09/06/12 03:10	79-01-6	
Trichlorofluoromethane	**<0.11**	ug/L	1.0	0.11	1		09/06/12 03:10	75-69-4	L2
1,2,3-Trichloropropane	**<0.22**	ug/L	4.0	0.22	1		09/06/12 03:10	96-18-4	
1,2,4-Trimethylbenzene	**<0.050**	ug/L	0.50	0.050	1		09/06/12 03:10	95-63-6	
1,3,5-Trimethylbenzene	**<0.086**	ug/L	0.50	0.086	1		09/06/12 03:10	108-67-8	
Vinyl chloride	**<0.16**	ug/L	0.40	0.16	1		09/06/12 03:10	75-01-4	
Xylene (Total)	**<0.27**	ug/L	1.5	0.27	1		09/06/12 03:10	1330-20-7	
m&p-Xylene	**<0.15**	ug/L	1.0	0.15	1		09/06/12 03:10	179601-23-1	
o-Xylene	**<0.12**	ug/L	0.50	0.12	1		09/06/12 03:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	75-125		1		09/06/12 03:10	460-00-4	
Dibromofluoromethane (S)	85	%	75-125		1		09/06/12 03:10	1868-53-7	
Toluene-d8 (S)	96	%	75-125		1		09/06/12 03:10	2037-26-5	
1,2-Dichloroethane-d4 (S)	87	%	75-125		1		09/06/12 03:10	17060-07-0	

Sample: MW-2 **Lab ID: 4066005002** Collected: 08/27/12 11:28 Received: 08/27/12 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		08/30/12 12:48	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		08/30/12 12:48	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		08/30/12 12:48	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		08/30/12 12:48	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		08/30/12 12:48	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		08/30/12 12:48	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		08/30/12 12:48	108-67-8	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

Sample: MW-2 **Lab ID: 4066005002** Collected: 08/27/12 11:28 Received: 08/27/12 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		08/30/12 12:48	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		08/30/12 12:48	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1		08/30/12 12:48	98-08-8	pH

Sample: MW-10 **Lab ID: 4066005003** Collected: 08/27/12 11:40 Received: 08/27/12 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		08/30/12 13:13	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		08/30/12 13:13	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		08/30/12 13:13	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		08/30/12 13:13	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		08/30/12 13:13	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		08/30/12 13:13	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		08/30/12 13:13	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		08/30/12 13:13	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		08/30/12 13:13	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1		08/30/12 13:13	98-08-8	

Sample: MW-1 **Lab ID: 4066005004** Collected: 08/27/12 11:56 Received: 08/27/12 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		08/30/12 13:39	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		08/30/12 13:39	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		08/30/12 13:39	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		08/30/12 13:39	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		08/30/12 13:39	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		08/30/12 13:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		08/30/12 13:39	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		08/30/12 13:39	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		08/30/12 13:39	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1		08/30/12 13:39	98-08-8	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

Sample: MW-3 **Lab ID: 4066005005** Collected: 08/27/12 12:22 Received: 08/27/12 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		08/30/12 14:04	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		08/30/12 14:04	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		08/30/12 14:04	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		08/30/12 14:04	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		08/30/12 14:04	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		08/30/12 14:04	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		08/30/12 14:04	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		08/30/12 14:04	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		08/30/12 14:04	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%.	80-120		1		08/30/12 14:04	98-08-8	

Sample: MW-4 **Lab ID: 4066005006** Collected: 08/27/12 12:35 Received: 08/27/12 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**1590**	ug/L	50.0	19.4	50		08/30/12 17:04	71-43-2	
Ethylbenzene	**2910**	ug/L	50.0	20.7	50		08/30/12 17:04	100-41-4	
Methyl-tert-butyl ether	**<19.0**	ug/L	50.0	19.0	50		08/30/12 17:04	1634-04-4	
Naphthalene	**394**	ug/L	50.0	20.2	50		08/30/12 17:04	91-20-3	
Toluene	**858**	ug/L	50.0	20.8	50		08/30/12 17:04	108-88-3	
1,2,4-Trimethylbenzene	**1500**	ug/L	50.0	21.5	50		08/30/12 17:04	95-63-6	
1,3,5-Trimethylbenzene	**601**	ug/L	50.0	19.8	50		08/30/12 17:04	108-67-8	
m&p-Xylene	**4300**	ug/L	100	43.6	50		08/30/12 17:04	179601-23-1	
o-Xylene	**513**	ug/L	50.0	19.0	50		08/30/12 17:04	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	107	%.	80-120		50		08/30/12 17:04	98-08-8	

Sample: TRIP BLANK **Lab ID: 4066005007** Collected: 08/27/12 00:00 Received: 08/27/12 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		08/31/12 21:56	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		08/31/12 21:56	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		08/31/12 21:56	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		08/31/12 21:56	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		08/31/12 21:56	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		08/31/12 21:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		08/31/12 21:56	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		08/31/12 21:56	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		08/31/12 21:56	95-47-6	

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ANALYTICAL RESULTS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

Sample: TRIP BLANK **Lab ID: 4066005007** Collected: 08/27/12 00:00 Received: 08/27/12 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1		08/31/12 21:56	98-08-8	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

QC Batch: GCV/8943 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 4066005002, 4066005003, 4066005004, 4066005005, 4066005006, 4066005007

METHOD BLANK: 664473 Matrix: Water
Associated Lab Samples: 4066005002, 4066005003, 4066005004, 4066005005, 4066005006, 4066005007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.43	1.0	08/30/12 08:31	
1,3,5-Trimethylbenzene	ug/L	<0.40	1.0	08/30/12 08:31	
Benzene	ug/L	<0.39	1.0	08/30/12 08:31	
Ethylbenzene	ug/L	<0.41	1.0	08/30/12 08:31	
m&p-Xylene	ug/L	<0.87	2.0	08/30/12 08:31	
Methyl-tert-butyl ether	ug/L	<0.38	1.0	08/30/12 08:31	
Naphthalene	ug/L	<0.40	1.0	08/30/12 08:31	
o-Xylene	ug/L	<0.38	1.0	08/30/12 08:31	
Toluene	ug/L	<0.42	1.0	08/30/12 08:31	
a,a,a-Trifluorotoluene (S)	%.	105	80-120	08/30/12 08:31	

LABORATORY CONTROL SAMPLE & LCSD: 664474 664475

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	19.4	19.6	97	98	80-120	1	20	
1,3,5-Trimethylbenzene	ug/L	20	19.5	19.7	97	99	80-120	1	20	
Benzene	ug/L	20	20.2	20.2	101	101	80-120	0	20	
Ethylbenzene	ug/L	20	19.7	19.8	99	99	80-120	0	20	
m&p-Xylene	ug/L	40	39.5	39.8	99	100	80-120	1	20	
Methyl-tert-butyl ether	ug/L	20	20.5	20.6	102	103	80-120	1	20	
Naphthalene	ug/L	20	19.3	19.4	96	97	80-120	1	20	
o-Xylene	ug/L	20	19.7	19.8	99	99	80-120	1	20	
Toluene	ug/L	20	19.8	19.8	99	99	80-120	0	20	
a,a,a-Trifluorotoluene (S)	%.				103	102	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 664511 664512

Parameter	Units	4066005006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	1500	1000	1000	2680	2650	118	115	10-200	1	20	
1,3,5-Trimethylbenzene	ug/L	601	1000	1000	1790	1750	119	115	56-169	2	20	
Benzene	ug/L	1590	1000	1000	2730	2690	113	110	33-173	1	20	
Ethylbenzene	ug/L	2910	1000	1000	4070	4020	116	111	49-158	1	20	
m&p-Xylene	ug/L	4300	2000	2000	6610	6580	115	114	44-163	0	20	
Methyl-tert-butyl ether	ug/L	<19.0	1000	1000	1120	1110	112	111	80-130	1	20	
Naphthalene	ug/L	394	1000	1000	1470	1450	107	106	67-141	1	20	
o-Xylene	ug/L	513	1000	1000	1660	1620	115	111	64-140	3	20	
Toluene	ug/L	858	1000	1000	2000	1970	114	111	79-132	2	20	
a,a,a-Trifluorotoluene (S)	%.						107	107	80-120			

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

QC Batch: MSV/21306 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 4066005001

METHOD BLANK: 1281106 Matrix: Water
Associated Lab Samples: 4066005001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.082	0.50	09/06/12 00:13	
1,1,1-Trichloroethane	ug/L	<0.15	0.50	09/06/12 00:13	
1,1,2,2-Tetrachloroethane	ug/L	<0.075	0.50	09/06/12 00:13	
1,1,2-Trichloroethane	ug/L	<0.12	0.50	09/06/12 00:13	
1,1-Dichloroethane	ug/L	<0.072	0.50	09/06/12 00:13	
1,1-Dichloroethene	ug/L	<0.16	0.50	09/06/12 00:13	
1,1-Dichloropropene	ug/L	<0.11	0.50	09/06/12 00:13	
1,2,3-Trichlorobenzene	ug/L	<0.099	0.50	09/06/12 00:13	
1,2,3-Trichloropropane	ug/L	<0.22	4.0	09/06/12 00:13	
1,2,4-Trichlorobenzene	ug/L	<0.098	0.50	09/06/12 00:13	
1,2,4-Trimethylbenzene	ug/L	<0.050	0.50	09/06/12 00:13	
1,2-Dibromo-3-chloropropane	ug/L	<0.80	4.0	09/06/12 00:13	
1,2-Dibromoethane (EDB)	ug/L	<0.10	0.50	09/06/12 00:13	
1,2-Dichlorobenzene	ug/L	<0.25	0.50	09/06/12 00:13	
1,2-Dichloroethane	ug/L	<0.053	0.50	09/06/12 00:13	
1,2-Dichloropropane	ug/L	<0.12	4.0	09/06/12 00:13	
1,3,5-Trimethylbenzene	ug/L	<0.086	0.50	09/06/12 00:13	
1,3-Dichlorobenzene	ug/L	<0.088	0.50	09/06/12 00:13	
1,3-Dichloropropane	ug/L	<0.096	0.50	09/06/12 00:13	
1,4-Dichlorobenzene	ug/L	<0.25	0.50	09/06/12 00:13	
2,2-Dichloropropane	ug/L	<0.15	1.0	09/06/12 00:13	
2-Butanone (MEK)	ug/L	<0.53	4.0	09/06/12 00:13	
2-Chlorotoluene	ug/L	<0.080	0.50	09/06/12 00:13	
2-Hexanone	ug/L	<1.0	4.0	09/06/12 00:13	
2-Nitropropane	ug/L	<1.4	10.0	09/06/12 00:13	
4-Chlorotoluene	ug/L	<0.068	0.50	09/06/12 00:13	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.0	4.0	09/06/12 00:13	
Acetone	ug/L	<1.1	25.0	09/06/12 00:13	
Acrylonitrile	ug/L	<5.0	10.0	09/06/12 00:13	
Benzene	ug/L	<0.047	0.50	09/06/12 00:13	
Bromobenzene	ug/L	<0.095	0.50	09/06/12 00:13	
Bromochloromethane	ug/L	<0.11	1.0	09/06/12 00:13	
Bromodichloromethane	ug/L	<0.066	0.50	09/06/12 00:13	
Bromoform	ug/L	<0.14	4.0	09/06/12 00:13	
Bromomethane	ug/L	<0.33	1.0	09/06/12 00:13	
Carbon disulfide	ug/L	<0.13	1.0	09/06/12 00:13	
Carbon tetrachloride	ug/L	<0.094	1.0	09/06/12 00:13	
Chlorobenzene	ug/L	<0.071	0.50	09/06/12 00:13	
Chloroethane	ug/L	<0.31	4.0	09/06/12 00:13	
Chloroform	ug/L	<0.086	0.50	09/06/12 00:13	
Chloromethane	ug/L	<0.13	1.0	09/06/12 00:13	
cis-1,2-Dichloroethene	ug/L	<0.080	0.50	09/06/12 00:13	
cis-1,3-Dichloropropene	ug/L	<0.18	0.50	09/06/12 00:13	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

METHOD BLANK: 1281106 Matrix: Water

Associated Lab Samples: 4066005001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<0.084	0.50	09/06/12 00:13	
Dibromomethane	ug/L	<0.089	0.50	09/06/12 00:13	
Dichlorodifluoromethane	ug/L	<0.22	0.50	09/06/12 00:13	
Ethyl methacrylate	ug/L	<0.52	4.0	09/06/12 00:13	
Ethylbenzene	ug/L	<0.078	0.50	09/06/12 00:13	
Hexachloro-1,3-butadiene	ug/L	<0.22	5.0	09/06/12 00:13	
Isopropylbenzene (Cumene)	ug/L	<0.11	0.50	09/06/12 00:13	
m&p-Xylene	ug/L	<0.15	1.0	09/06/12 00:13	
Methyl methacrylate	ug/L	<0.080	4.0	09/06/12 00:13	
Methyl-tert-butyl ether	ug/L	<0.048	0.50	09/06/12 00:13	
Methylene Chloride	ug/L	<2.0	4.0	09/06/12 00:13	
n-Butylbenzene	ug/L	<0.088	0.50	09/06/12 00:13	
n-Propylbenzene	ug/L	<0.069	0.50	09/06/12 00:13	
Naphthalene	ug/L	<0.11	1.0	09/06/12 00:13	
o-Xylene	ug/L	<0.12	0.50	09/06/12 00:13	
p-Isopropyltoluene	ug/L	<0.090	0.50	09/06/12 00:13	
sec-Butylbenzene	ug/L	<0.082	0.50	09/06/12 00:13	
Styrene	ug/L	<0.075	0.50	09/06/12 00:13	
tert-Butylbenzene	ug/L	<0.082	0.50	09/06/12 00:13	
Tetrachloroethene	ug/L	<0.16	0.50	09/06/12 00:13	
Toluene	ug/L	<0.065	0.50	09/06/12 00:13	
Total Trihalomethanes (Calc.)	ug/L	<1.8	3.5	09/06/12 00:13	
trans-1,2-Dichloroethene	ug/L	<0.14	0.50	09/06/12 00:13	
trans-1,3-Dichloropropene	ug/L	<0.18	0.50	09/06/12 00:13	
trans-1,4-Dichloro-2-butene	ug/L	<0.27	10.0	09/06/12 00:13	
Trichloroethene	ug/L	<0.11	0.50	09/06/12 00:13	
Trichlorofluoromethane	ug/L	<0.11	1.0	09/06/12 00:13	
Vinyl chloride	ug/L	<0.16	0.40	09/06/12 00:13	
Xylene (Total)	ug/L	<0.27	1.5	09/06/12 00:13	
1,2-Dichloroethane-d4 (S)	%	88	75-125	09/06/12 00:13	
4-Bromofluorobenzene (S)	%	96	75-125	09/06/12 00:13	
Dibromofluoromethane (S)	%	86	75-125	09/06/12 00:13	
Toluene-d8 (S)	%	96	75-125	09/06/12 00:13	

LABORATORY CONTROL SAMPLE & LCSD: 1281107 1281108

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.8	19.8	99	99	70-130	.3	20	
1,1,1-Trichloroethane	ug/L	20	17.6	17.0	88	85	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/L	20	20.7	20.7	104	104	70-130	.1	20	
1,1,2-Trichloroethane	ug/L	20	19.9	20.0	100	100	70-130	.6	20	
1,1-Dichloroethane	ug/L	20	17.3	17.0	86	85	70-130	2	20	
1,1-Dichloroethene	ug/L	20	17.3	17.0	87	85	70-130	2	20	
1,1-Dichloropropene	ug/L	20	17.3	16.7	86	84	70-130	3	20	
1,2,3-Trichlorobenzene	ug/L	20	20.5	20.7	102	103	70-130	.9	20	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

LABORATORY CONTROL SAMPLE & LCSD: 1281107 1281108

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichloropropane	ug/L	20	21.9	22.0	110	110	70-130	.6	20	
1,2,4-Trichlorobenzene	ug/L	20	19.7	20.0	99	100	70-130	1	20	
1,2,4-Trimethylbenzene	ug/L	20	19.1	18.9	96	94	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	20	22.9	23.7	115	119	70-130	3	20	
1,2-Dibromoethane (EDB)	ug/L	20	20.3	20.6	102	103	70-130	1	20	
1,2-Dichlorobenzene	ug/L	20	19.7	19.7	99	98	70-130	.1	20	
1,2-Dichloroethane	ug/L	20	17.1	17.0	86	85	70-130	.5	20	
1,2-Dichloropropane	ug/L	20	19.2	19.3	96	97	70-130	.6	20	
1,3,5-Trimethylbenzene	ug/L	20	18.8	18.6	94	93	70-130	1	20	
1,3-Dichlorobenzene	ug/L	20	19.6	19.5	98	98	70-130	.6	20	
1,3-Dichloropropane	ug/L	20	19.6	19.7	98	98	70-130	.6	20	
1,4-Dichlorobenzene	ug/L	20	19.4	19.3	97	97	70-130	.5	20	
2,2-Dichloropropane	ug/L	20	15.6	15.3	78	76	70-130	2	20	
2-Butanone (MEK)	ug/L	20	20.5	20.4	102	102	70-130	.6	20	
2-Chlorotoluene	ug/L	20	18.9	18.6	94	93	70-130	2	20	
2-Hexanone	ug/L	20	22.8	23.0	114	115	70-130	1	20	
2-Nitropropane	ug/L	50	53.9	53.6	108	107	70-130	.6	20	
4-Chlorotoluene	ug/L	20	18.7	18.6	94	93	70-130	.6	20	
4-Methyl-2-pentanone (MIBK)	ug/L	20	21.7	22.1	108	110	70-130	2	20	
Acetone	ug/L	50	49.8	50.6	100	101	70-130	2	20	
Acrylonitrile	ug/L	200	189	190	94	95	70-130	.7	20	
Benzene	ug/L	20	16.7	16.5	84	83	70-130	1	20	
Bromobenzene	ug/L	20	19.7	19.7	99	99	70-130	.1	20	
Bromochloromethane	ug/L	20	17.7	17.4	88	87	70-130	2	20	
Bromodichloromethane	ug/L	20	19.0	19.0	95	95	70-130	.3	20	
Bromoform	ug/L	20	20.9	21.3	104	107	70-130	2	20	
Bromomethane	ug/L	20	14.8	14.4	74	72	70-130	2	20	
Carbon disulfide	ug/L	20	15.3	15.1	76	76	70-130	1	20	
Carbon tetrachloride	ug/L	20	18.1	17.7	90	88	70-130	2	20	
Chlorobenzene	ug/L	20	19.3	19.2	97	96	70-130	.5	20	
Chloroethane	ug/L	20	15.6	15.2	78	76	70-130	2	20	
Chloroform	ug/L	20	17.3	17.2	87	86	70-130	.6	20	
Chloromethane	ug/L	20	18.0	17.4	90	87	70-130	3	20	
cis-1,2-Dichloroethene	ug/L	20	17.3	17.2	86	86	70-130	.3	20	
cis-1,3-Dichloropropene	ug/L	20	18.8	18.9	94	95	70-130	.6	20	
Dibromochloromethane	ug/L	20	19.7	20.0	99	100	70-130	1	20	
Dibromomethane	ug/L	20	19.4	19.9	97	99	70-130	2	20	
Dichlorodifluoromethane	ug/L	20	15.7	15.8	78	79	70-130	.9	20	
Ethyl methacrylate	ug/L	20	20.3	20.6	101	103	70-130	1	20	
Ethylbenzene	ug/L	20	18.3	18.2	91	91	70-130	.05	20	
Hexachloro-1,3-butadiene	ug/L	10	10.8	10.8	108	108	70-130	.4	20	
Isopropylbenzene (Cumene)	ug/L	20	19.7	19.5	98	97	70-130	1	20	
m&p-Xylene	ug/L	40	38.9	38.2	97	96	70-130	2	20	
Methyl methacrylate	ug/L	20	21.0	21.3	105	106	70-130	1	20	
Methyl-tert-butyl ether	ug/L	20	17.3	17.5	87	88	70-130	1	20	
Methylene Chloride	ug/L	20	17.5	17.4	88	87	70-130	.8	20	
n-Butylbenzene	ug/L	20	19.5	19.1	98	96	70-130	2	20	
n-Propylbenzene	ug/L	20	19.1	18.7	95	94	70-130	2	20	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

LABORATORY CONTROL SAMPLE & LCSD: 1281107 1281108

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	20	21.1	21.5	106	107	70-130	2	20	
o-Xylene	ug/L	20	19.2	19.2	96	96	70-130	.1	20	
p-Isopropyltoluene	ug/L	20	19.5	19.2	97	96	70-130	1	20	
sec-Butylbenzene	ug/L	20	19.4	19.2	97	96	70-130	1	20	
Styrene	ug/L	20	19.9	19.9	99	100	70-130	.4	20	
tert-Butylbenzene	ug/L	20	19.3	19.1	96	96	70-130	.7	20	
Tetrachloroethene	ug/L	20	20.1	19.9	100	99	70-130	.9	20	
Toluene	ug/L	20	19.2	19.0	96	95	70-130	1	20	
Total Trihalomethanes (Calc.)	ug/L	100	76.9	77.6	77	78	70-130	.9	20	
trans-1,2-Dichloroethene	ug/L	20	17.2	16.8	86	84	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	20	18.7	18.8	93	94	70-130	.6	20	
trans-1,4-Dichloro-2-butene	ug/L	50	49.9	49.2	100	98	70-130	1	20	
Trichloroethene	ug/L	20	19.5	19.4	97	97	70-130	.5	20	
Trichlorofluoromethane	ug/L	20	14.1	13.5	71	68	70-130	4	20	L0
Vinyl chloride	ug/L	20	15.7	15.4	79	77	70-130	2	20	
Xylene (Total)	ug/L	60	58.1	57.5	97	96	70-130	1	20	
1,2-Dichloroethane-d4 (S)	%				90	89	75-125			
4-Bromofluorobenzene (S)	%				96	95	75-125			
Dibromofluoromethane (S)	%				87	86	75-125			
Toluene-d8 (S)	%				97	97	75-125			

MATRIX SPIKE SAMPLE: 1281109

Parameter	Units	10204094016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	19.7	99	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	17.8	89	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.5	102	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	19.6	98	70-130	
1,1-Dichloroethane	ug/L	ND	20	17.0	85	70-130	
1,1-Dichloroethene	ug/L	ND	20	18.0	90	70-130	
1,1-Dichloropropene	ug/L	ND	20	17.7	89	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	20.7	103	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	22.3	111	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	20.1	100	70-130	
1,2,4-Trimethylbenzene	ug/L	ND	20	19.1	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	23.2	116	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20.2	101	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	19.8	99	70-130	
1,2-Dichloroethane	ug/L	ND	20	16.9	84	70-130	
1,2-Dichloropropane	ug/L	ND	20	19.3	97	70-130	
1,3,5-Trimethylbenzene	ug/L	ND	20	19.0	95	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	19.5	98	70-130	
1,3-Dichloropropane	ug/L	ND	20	19.3	96	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	19.4	97	70-130	
2,2-Dichloropropane	ug/L	ND	20	15.5	78	70-130	
2-Butanone (MEK)	ug/L	ND	20	20.8	94	70-130	
2-Chlorotoluene	ug/L	ND	20	18.9	94	70-130	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

MATRIX SPIKE SAMPLE: 1281109

Parameter	Units	10204094016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	ND	20	22.9	115	70-130	
2-Nitropropane	ug/L	ND	50	52.4	105	70-130	
4-Chlorotoluene	ug/L	ND	20	18.8	94	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	21.7	109	70-130	
Acetone	ug/L	ND	50	49.2	92	70-130	
Acrylonitrile	ug/L	ND	200	186	93	70-130	
Benzene	ug/L	ND	20	16.8	84	70-130	
Bromobenzene	ug/L	ND	20	19.6	98	70-130	
Bromochloromethane	ug/L	ND	20	17.4	87	70-130	
Bromodichloromethane	ug/L	ND	20	19.3	97	70-130	
Bromoform	ug/L	ND	20	20.7	104	70-130	
Bromomethane	ug/L	ND	20	14.5	72	70-130	
Carbon disulfide	ug/L	ND	20	15.6	78	70-130	
Carbon tetrachloride	ug/L	ND	20	18.9	94	70-130	
Chlorobenzene	ug/L	ND	20	19.3	96	70-130	
Chloroethane	ug/L	ND	20	15.3	77	70-130	
Chloroform	ug/L	ND	20	17.3	87	70-130	
Chloromethane	ug/L	ND	20	18.1	90	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	17.2	86	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	18.7	93	70-130	
Dibromochloromethane	ug/L	ND	20	19.6	98	70-130	
Dibromomethane	ug/L	ND	20	19.4	97	70-130	
Dichlorodifluoromethane	ug/L	ND	20	18.8	94	70-130	
Ethyl methacrylate	ug/L	ND	20	20.1	100	70-130	
Ethylbenzene	ug/L	ND	20	18.6	93	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	10	11.5	115	70-130	
Isopropylbenzene (Cumene)	ug/L	ND	20	19.9	100	70-130	
m&p-Xylene	ug/L		40	39.0	98	70-130	
Methyl methacrylate	ug/L	ND	20	21.2	106	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	17.0	85	70-130	
Methylene Chloride	ug/L	ND	20	17.4	87	70-130	
n-Butylbenzene	ug/L	ND	20	20.0	100	70-130	
n-Propylbenzene	ug/L	ND	20	19.4	97	70-130	
Naphthalene	ug/L	ND	20	21.7	109	70-130	
o-Xylene	ug/L		20	19.4	97	70-130	
p-Isopropyltoluene	ug/L	ND	20	19.9	99	70-130	
sec-Butylbenzene	ug/L	ND	20	20.0	100	70-130	
Styrene	ug/L	ND	20	19.7	98	70-130	
tert-Butylbenzene	ug/L	ND	20	19.8	99	70-130	
Tetrachloroethene	ug/L	ND	20	20.5	103	70-130	
Toluene	ug/L	ND	20	19.3	96	70-130	
Total Trihalomethanes (Calc.)	ug/L	ND	100	77.0	77	70-130	
trans-1,2-Dichloroethene	ug/L	ND	20	17.3	87	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	18.4	92	70-130	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	48.9	98	70-130	
Trichloroethene	ug/L	ND	20	20.0	100	70-130	
Trichlorofluoromethane	ug/L	ND	20	15.2	76	70-130	
Vinyl chloride	ug/L	ND	20	16.3	82	70-130	

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QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

MATRIX SPIKE SAMPLE: 1281109

Parameter	Units	10204094016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	60	58.4	97	70-130	
1,2-Dichloroethane-d4 (S)	%				89	75-125	
4-Bromofluorobenzene (S)	%				95	75-125	
Dibromofluoromethane (S)	%				86	75-125	
Toluene-d8 (S)	%				96	75-125	

SAMPLE DUPLICATE: 1281110

Parameter	Units	10204094017 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	<0.082		20	
1,1,1-Trichloroethane	ug/L	ND	<0.15		20	
1,1,2,2-Tetrachloroethane	ug/L	ND	<0.075		20	
1,1,2-Trichloroethane	ug/L	ND	<0.12		20	
1,1-Dichloroethane	ug/L	ND	<0.072		20	
1,1-Dichloroethene	ug/L	ND	<0.16		20	
1,1-Dichloropropene	ug/L	ND	<0.11		20	
1,2,3-Trichlorobenzene	ug/L	ND	<0.099		20	
1,2,3-Trichloropropane	ug/L	ND	<0.22		20	
1,2,4-Trichlorobenzene	ug/L	ND	<0.098		20	
1,2,4-Trimethylbenzene	ug/L	ND	<0.050		20	
1,2-Dibromo-3-chloropropane	ug/L	ND	<0.80		20	
1,2-Dibromoethane (EDB)	ug/L	ND	<0.10		20	
1,2-Dichlorobenzene	ug/L	ND	<0.25		20	
1,2-Dichloroethane	ug/L	ND	<0.053		20	
1,2-Dichloropropane	ug/L	ND	<0.12		20	
1,3,5-Trimethylbenzene	ug/L	ND	<0.086		20	
1,3-Dichlorobenzene	ug/L	ND	<0.088		20	
1,3-Dichloropropane	ug/L	ND	<0.096		20	
1,4-Dichlorobenzene	ug/L	ND	<0.25		20	
2,2-Dichloropropane	ug/L	ND	<0.15		20	
2-Butanone (MEK)	ug/L	ND	0.93J		20	
2-Chlorotoluene	ug/L	ND	<0.080		20	
2-Hexanone	ug/L	ND	<1.0		20	
2-Nitropropane	ug/L	ND	<1.4		20	
4-Chlorotoluene	ug/L	ND	<0.068		20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	<2.0		20	
Acetone	ug/L	ND	<1.1		20	
Acrylonitrile	ug/L	ND	<5.0		20	
Benzene	ug/L	ND	<0.047		20	
Bromobenzene	ug/L	ND	<0.095		20	
Bromochloromethane	ug/L	ND	<0.11		20	
Bromodichloromethane	ug/L	ND	<0.066		20	
Bromoform	ug/L	ND	<0.14		20	
Bromomethane	ug/L	ND	<0.33		20	
Carbon disulfide	ug/L	ND	<0.13		20	
Carbon tetrachloride	ug/L	ND	<0.094		20	
Chlorobenzene	ug/L	ND	<0.071		20	

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

QUALITY CONTROL DATA

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

SAMPLE DUPLICATE: 1281110

Parameter	Units	10204094017 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloroethane	ug/L	ND	<0.31		20	
Chloroform	ug/L	ND	<0.086		20	
Chloromethane	ug/L	ND	<0.13		20	
cis-1,2-Dichloroethene	ug/L	ND	<0.080		20	
cis-1,3-Dichloropropene	ug/L	ND	<0.18		20	
Dibromochloromethane	ug/L	ND	<0.084		20	
Dibromomethane	ug/L	ND	<0.089		20	
Dichlorodifluoromethane	ug/L	ND	<0.22		20	
Ethyl methacrylate	ug/L	ND	<0.52		20	
Ethylbenzene	ug/L	ND	<0.078		20	
Hexachloro-1,3-butadiene	ug/L	ND	<0.22		20	
Isopropylbenzene (Cumene)	ug/L	ND	<0.11		20	
m&p-Xylene	ug/L		<0.15		20	
Methyl methacrylate	ug/L	ND	<0.080		20	
Methyl-tert-butyl ether	ug/L	ND	<0.048		20	
Methylene Chloride	ug/L	ND	<2.0		20	
n-Butylbenzene	ug/L	ND	<0.088		20	
n-Propylbenzene	ug/L	ND	<0.069		20	
Naphthalene	ug/L	ND	<0.11		20	
o-Xylene	ug/L		<0.12		20	
p-Isopropyltoluene	ug/L	ND	<0.090		20	
sec-Butylbenzene	ug/L	ND	<0.082		20	
Styrene	ug/L	ND	0.42J		20	
tert-Butylbenzene	ug/L	ND	<0.082		20	
Tetrachloroethene	ug/L	ND	<0.16		20	
Toluene	ug/L	ND	<0.065		20	
Total Trihalomethanes (Calc.)	ug/L	ND	<1.8		20	
trans-1,2-Dichloroethene	ug/L	ND	<0.14		20	
trans-1,3-Dichloropropene	ug/L	ND	<0.18		20	
trans-1,4-Dichloro-2-butene	ug/L	ND	<0.27		20	
Trichloroethene	ug/L	ND	<0.11		20	
Trichlorofluoromethane	ug/L	ND	<0.11		20	
Vinyl chloride	ug/L	ND	<0.16		20	
Xylene (Total)	ug/L	ND	<0.27		20	
1,2-Dichloroethane-d4 (S)	%	89	89	.06		
4-Bromofluorobenzene (S)	%	96	96	.8		
Dibromofluoromethane (S)	%	86	87	.9		
Toluene-d8 (S)	%	97	96	.8		

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QUALIFIERS

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay
PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: P101397.40 WEGNER PROPERTY
Pace Project No.: 4066005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4066005002	MW-2	WI MOD GRO	GCV/8943		
4066005003	MW-10	WI MOD GRO	GCV/8943		
4066005004	MW-1	WI MOD GRO	GCV/8943		
4066005005	MW-3	WI MOD GRO	GCV/8943		
4066005006	MW-4	WI MOD GRO	GCV/8943		
4066005007	TRIP BLANK	WI MOD GRO	GCV/8943		
4066005001	301 ZACHOW ST	EPA 524.2	MSV/21306		

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

Pace Analytical

Sample Condition Upon Receipt

Client Name: Endeavor Project # 4066005

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

Tracking #: _____

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

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

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

Optional: Proj. Due Date: Proj. Name:

Thermometer Used N/A Type of Ice: Wet Blue Dry None ☒ Samples on ice, cooling process has begun.

Cooler Temperature RAI Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Person examining contents:
Date: 8-27-12
Initials: SAD

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:	W	
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☒Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☒Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 8-28-12

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

(Please Print Clearly)

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

CHAIN OF CUSTODY

1 OF 1

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

Company Name:	Endeavor Env. Services, Inc.
Branch/Location:	Green Bay
Project Contact:	Joe Ramchack
Phone:	920-437-2997
Project Number:	P101397.40
Project Name:	Wegner Property (former)
Project State:	WI
Sampled By (Print):	Cody Brauner
Sampled By (Sign):	
PO #:	Regulatory Program:

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

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

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

Quote #:	PECFA UST
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC + Naphthalene	524.2	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	301 Zachow St	8/27/12	1207	DW	N	B		X		3-40mlV J	
002	MW-2		1128	GW			X			3-40mlV B	
003	MW-10		1140								
004	MW-1		1156								
005	MW-3		1222								
006	MW-4		1235								
007	Trip Blank									2-40mlV B	

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	8/27/12 1700		8/27/12 1700

PACE Project No.: 4066005

Receipt Temp = 2.0 °C

Sample Receipt pH: OK / Adjusted

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

Version 6.0 06/14/06

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

JOSEPH RAMCHECK
ENDEAVOR ENV. SERVICES, INC.
2280-B SALSCHEIDER CT
GREEN BAY, WI 54313

Report Date *07-Mar-14*

Project Name WEGNER PROPERTY (FORMER) CECIL **Invoice #** E26570
Project # P101397.40

Lab Code 5026570A
Sample ID 301 ZACHOW ST
Sample Matrix Drinking Water
Sample Date 2/25/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	524.2		3/4/2014	CJR	1
Bromobenzene	< 0.33	ug/l	0.33	1	1	524.2		3/4/2014	CJR	1
Bromodichloromethane	< 0.27	ug/l	0.27	0.85	1	524.2		3/4/2014	CJR	1
Bromoform	< 0.34	ug/l	0.34	1.1	1	524.2		3/4/2014	CJR	1
Bromomethane	< 0.98	ug/l	0.98	3.1	1	524.2		3/4/2014	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	524.2		3/4/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	524.2		3/4/2014	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2	1	524.2		3/4/2014	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	524.2		3/4/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	524.2		3/4/2014	CJR	1
2-Chlorotoluene	< 0.35	ug/l	0.35	1.1	1	524.2		3/4/2014	CJR	1
4-Chlorotoluene	< 0.29	ug/l	0.29	0.91	1	524.2		3/4/2014	CJR	1
Dibromochloromethane	< 0.2	ug/l	0.2	0.64	1	524.2		3/4/2014	CJR	1
Dibromomethane	< 0.41	ug/l	0.41	1.3	1	524.2		3/4/2014	CJR	1
1,4-Dichlorobenzene	< 0.25	ug/l	0.25	0.8	1	524.2		3/4/2014	CJR	1
1,3-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	524.2		3/4/2014	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.88	1	524.2		3/4/2014	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.85	1	524.2		3/4/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	524.2		3/4/2014	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	524.2		3/4/2014	CJR	1
1,1-Dichloroethene	< 0.31	ug/l	0.31	0.99	1	524.2		3/4/2014	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1	1	524.2		3/4/2014	CJR	1
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.8	1	524.2		3/4/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	524.2		3/4/2014	CJR	1
2,2-Dichloropropane	< 0.45	ug/l	0.45	1.4	1	524.2		3/4/2014	CJR	4 7 8
1,3-Dichloropropane	< 0.26	ug/l	0.26	0.82	1	524.2		3/4/2014	CJR	1
trans-1,3-Dichloropropene	< 0.22	ug/l	0.22	0.69	1	524.2		3/4/2014	CJR	1
cis-1,3-Dichloropropene	< 0.2	ug/l	0.2	0.63	1	524.2		3/4/2014	CJR	1
1,1-Dichloropropene	< 0.34	ug/l	0.34	1.1	1	524.2		3/4/2014	CJR	1
Ethylbenzene	< 0.27	ug/l	0.27	0.86	1	524.2		3/4/2014	CJR	1
Hexachlorobutadiene	< 0.48	ug/l	0.48	1.5	1	524.2		3/4/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	524.2		3/4/2014	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.94	1	524.2		3/4/2014	CJR	1

Project Name WEGNER PROPERTY (FORMER) CECIL **Invoice #** E26570
Project # P101397.40

Lab Code 5026570A
Sample ID 301 ZACHOW ST
Sample Matrix Drinking Water
Sample Date 2/25/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methylene chloride	< 0.35	ug/l	0.35	1.1	1	524.2		3/4/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.26	ug/l	0.26	0.82	1	524.2		3/4/2014	CJR	1
Naphthalene	< 0.49	ug/l	0.49	1.6	1	524.2		3/4/2014	CJR	1
Styrene	< 0.23	ug/l	0.23	0.72	1	524.2		3/4/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	524.2		3/4/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.91	1	524.2		3/4/2014	CJR	1
Tetrachloroethene	< 0.27	ug/l	0.27	0.85	1	524.2		3/4/2014	CJR	1
Toluene	< 0.24	ug/l	0.24	0.75	1	524.2		3/4/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.24	ug/l	0.24	0.76	1	524.2		3/4/2014	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	524.2		3/4/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	524.2		3/4/2014	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.96	1	524.2		3/4/2014	CJR	1
Trichlorofluoromethane	< 0.26	ug/l	0.26	0.84	1	524.2		3/4/2014	CJR	1
1,2,3-Trichloropropane	< 0.91	ug/l	0.91	2.9	1	524.2		3/4/2014	CJR	1
Trichlorotrifluoroethane	< 0.41	ug/l	0.41	1.3	1	524.2		3/4/2014	CJR	1
1,2,4-Trimethylbenzene	< 0.31	ug/l	0.31	0.98	1	524.2		3/4/2014	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.83	1	524.2		3/4/2014	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	524.2		3/4/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	524.2		3/4/2014	CJR	1
o-Xylene	< 0.25	ug/l	0.25	0.79	1	524.2		3/4/2014	CJR	1

Lab Code 5026570B
Sample ID MW-1
Sample Matrix Water
Sample Date 2/25/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.85	1	GRO95/8021		2/28/2014	CJR	1
Ethylbenzene	< 0.82	ug/l	0.82	2.6	1	GRO95/8021		2/28/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.37	ug/l	0.37	1.2	1	GRO95/8021		2/28/2014	CJR	1
Naphthalene	< 1.2	ug/l	1.2	3.8	1	GRO95/8021		2/28/2014	CJR	1
Toluene	< 0.8	ug/l	0.8	2.6	1	GRO95/8021		2/28/2014	CJR	1
1,2,4-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		2/28/2014	CJR	1
1,3,5-Trimethylbenzene	< 0.86	ug/l	0.86	2.7	1	GRO95/8021		2/28/2014	CJR	1
m&p-Xylene	< 1.6	ug/l	1.6	5.2	1	GRO95/8021		2/28/2014	CJR	1
o-Xylene	< 0.81	ug/l	0.81	2.6	1	GRO95/8021		2/28/2014	CJR	1

Lab Code 5026570C
Sample ID MW-3
Sample Matrix Water
Sample Date 2/25/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.85	1	GRO95/8021		2/27/2014	CJR	1
Ethylbenzene	< 0.82	ug/l	0.82	2.6	1	GRO95/8021		2/27/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.37	ug/l	0.37	1.2	1	GRO95/8021		2/27/2014	CJR	1
Naphthalene	< 1.2	ug/l	1.2	3.8	1	GRO95/8021		2/27/2014	CJR	1
Toluene	< 0.8	ug/l	0.8	2.6	1	GRO95/8021		2/27/2014	CJR	1
1,2,4-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		2/27/2014	CJR	1
1,3,5-Trimethylbenzene	< 0.86	ug/l	0.86	2.7	1	GRO95/8021		2/27/2014	CJR	1
m&p-Xylene	< 1.6	ug/l	1.6	5.2	1	GRO95/8021		2/27/2014	CJR	1
o-Xylene	< 0.81	ug/l	0.81	2.6	1	GRO95/8021		2/27/2014	CJR	1

Project Name WEGNER PROPERTY (FORMER) CECIL **Invoice #** E26570
Project # P101397.40

Lab Code 5026570D
Sample ID MW-4
Sample Matrix Water
Sample Date 2/25/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	1290	ug/l	2.7	8.5	10	GRO95/8021		3/1/2014	CJR	1
Ethylbenzene	1930	ug/l	8.2	26	10	GRO95/8021		3/1/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 3.7	ug/l	3.7	12	10	GRO95/8021		3/1/2014	CJR	1
Naphthalene	307	ug/l	12	38	10	GRO95/8021		3/1/2014	CJR	1
Toluene	133	ug/l	8	26	10	GRO95/8021		3/1/2014	CJR	1
1,2,4-Trimethylbenzene	1310	ug/l	8.3	26	10	GRO95/8021		3/1/2014	CJR	1
1,3,5-Trimethylbenzene	420	ug/l	8.6	27	10	GRO95/8021		3/1/2014	CJR	1
m&p-Xylene	5100	ug/l	16	52	10	GRO95/8021		3/1/2014	CJR	1
o-Xylene	1000	ug/l	8.1	26	10	GRO95/8021		3/1/2014	CJR	1

Lab Code 5026570E
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 2/25/2014

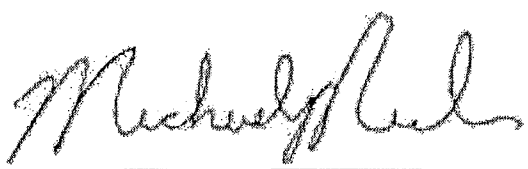
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.85	1	GRO95/8021		2/28/2014	CJR	1
Ethylbenzene	< 0.82	ug/l	0.82	2.6	1	GRO95/8021		2/28/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.37	ug/l	0.37	1.2	1	GRO95/8021		2/28/2014	CJR	1
Naphthalene	< 1.2	ug/l	1.2	3.8	1	GRO95/8021		2/28/2014	CJR	1
Toluene	< 0.8	ug/l	0.8	2.6	1	GRO95/8021		2/28/2014	CJR	1
1,2,4-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		2/28/2014	CJR	1
1,3,5-Trimethylbenzene	< 0.86	ug/l	0.86	2.7	1	GRO95/8021		2/28/2014	CJR	1
m&p-Xylene	< 1.6	ug/l	1.6	5.2	1	GRO95/8021		2/28/2014	CJR	1
o-Xylene	< 0.81	ug/l	0.81	2.6	1	GRO95/8021		2/28/2014	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
4	The continuing calibration standard not within established limits.
7	The LCS not within established limits.
8	Closing calibration standard not within established limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # No 2687

Page ____ of ____

Sample Handling Request
____ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
____ Normal Turn Around

Lab I.D. #

Account No.: | Quote No.:

Project #: 101397.40

Sampler: (signature) Lucy Ebert

Project (Name / Location): Wagner Property (Kaiser) Cecil, WI

Reports To: Joe Ramacher	Invoice To: Same
Company Endeavor Env Services Inc	Company
Address 2280-B Southridge Ct	Address
City State Zip Green Bay, WI 54313	City State Zip
Phone (920) 437-2997	Phone
FAX (920) 437-3066	FAX

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp.	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS								PID/ FID
526570 A	Sch Zuschlag	2/25/14	1310		X	N	3	DW	HCl/Ascorbic											X										
B	MW-1		1406				3	GW	HCL								X													
C	MW-3		1422				3																							
D	MW-4		1436				3																							
E	Trip Blank						2																							

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Client
Temp. of Temp. Blank ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date:	Received By: (sign)	Time	Date
Lucy Ebert	1600	2/25/14			

Received in Laboratory By: [signature] Time: 16:00 Date: 2/25/14

20-May-2014

Joe Ramcheck
Endeavor Environmental Services, Inc.
2280-B Salscheider Court
Green Bay, WI 54313

Re: **Wegner Property (Former) P101397.40** Work Order: **1405828**

Dear Joe,

ALS Environmental received 4 samples on 16-May-2014 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 15.

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

Sincerely,

Alex Csaszar

Electronically approved by: Alex Csaszar

Alex Csaszar
Project Manager

Certificate No: WI: 399084510

Report of Laboratory Analysis

ALS Group USA, Corp

Date: 20-May-14

Client: Endeavor Environmental Services, Inc.
Project: Wegner Property (Former) P101397.40
Work Order: 1405828

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1405828-01	MW-1	Water		5/15/2014 13:25	5/16/2014 09:30	☐
1405828-02	301 Zachow St.	Water		5/15/2014 13:42	5/16/2014 09:30	☐
1405828-03	MW-4	Water		5/15/2014 14:07	5/16/2014 09:30	☐
1405828-04	Trip Blank	Water		5/15/2014	5/16/2014 09:30	☐

Client: Endeavor Environmental Services, Inc.
Project: Wegner Property (Former) P101397.40
Work Order: 1405828

Case Narrative

Samples for the above noted Work Order were received on 05/16/2014. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, sample condition, preservation, and temperature compliance.
In order to ensure compliance with NR 149 criteria, please note the following report format:
(1) The Limit of Detection (LOD) is reported as the MDL (Method Detection Limit)
(2) The Limit of Quantitation (LOQ) is reported as the PQL (Practical Quantitation Limit)
(3) All reported concentrations, including those for the LOD and LOQ, are adjusted for any required dilutions
(4) All reported concentrations, including those for the LOD and LOQ, are adjusted for moisture content when samples are reported on a dry weight basis.

Samples were analyzed according to the analytical methodology previously documented in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Detail as to the associated samples can be found at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, acronyms, and units utilized in reporting.

With the following exceptions, all sample analyses achieved analytical criteria.

Volatile Organics:

Batch R140932, Method GRO_WISCONSIN_W, Sample LCSD-140516: The LCSD recovery was above the upper control limits for GRO. All sample results in the batch were non-detect. No qualification is necessary for this analyte:

Client: Endeavor Environmental Services, Inc.
Project: Wegner Property (Former) P101397.40
WorkOrder: 1405828

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
µg/L	Micrograms per Liter

ALS Group USA, Corp

Date: *20-May-14*

Client: Endeavor Environmental Services, Inc.
Project: Wegner Property (Former) P101397.40
Sample ID: MW-1
Collection Date: 5/15/2014 01:25 PM

Work Order: 1405828
Lab ID: 1405828-01
Matrix: WATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: **PUBL-SW-140**					Analyst: **IT**
1,2,4-Trimethylbenzene	U		0.17	5.0	µg/L	1	5/16/2014 21:41
1,3,5- Trimethylbenzene	U		0.14	5.0	µg/L	1	5/16/2014 21:41
Benzene	U		0.16	5.0	µg/L	1	5/16/2014 21:41
Ethylbenzene	U		0.26	5.0	µg/L	1	5/16/2014 21:41
m,p-Xylene	U		0.24	10	µg/L	1	5/16/2014 21:41
Methyl tert-butyl ether	U		0.18	5.0	µg/L	1	5/16/2014 21:41
Naphthalene	U		0.22	5.0	µg/L	1	5/16/2014 21:41
o-Xylene	U		0.22	5.0	µg/L	1	5/16/2014 21:41
Toluene	U		0.23	5.0	µg/L	1	5/16/2014 21:41
Xylenes, Total	U		0.66	15	µg/L	1	5/16/2014 21:41
Surr: a,a,a-Trifluorotoluene	*88.1*			*80-120*	*%REC*	1	5/16/2014 21:41

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *20-May-14*

Client: Endeavor Environmental Services, Inc.
Project: Wegner Property (Former) P101397.40
Sample ID: 301 Zachow St.
Collection Date: 5/15/2014 01:42 PM

Work Order: 1405828
Lab ID: 1405828-02
Matrix: WATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: **PUBL-SW-140**					Analyst: **IT**
1,2,4-Trimethylbenzene	U		0.17	5.0	µg/L	1	5/16/2014 22:07
1,3,5- Trimethylbenzene	U		0.14	5.0	µg/L	1	5/16/2014 22:07
Benzene	U		0.16	5.0	µg/L	1	5/16/2014 22:07
Ethylbenzene	U		0.26	5.0	µg/L	1	5/16/2014 22:07
m,p-Xylene	U		0.24	10	µg/L	1	5/16/2014 22:07
Methyl tert-butyl ether	U		0.18	5.0	µg/L	1	5/16/2014 22:07
Naphthalene	U		0.22	5.0	µg/L	1	5/16/2014 22:07
o-Xylene	U		0.22	5.0	µg/L	1	5/16/2014 22:07
Toluene	U		0.23	5.0	µg/L	1	5/16/2014 22:07
Xylenes, Total	U		0.66	15	µg/L	1	5/16/2014 22:07
Surr: a,a,a-Trifluorotoluene	*88.7*			*80-120*	*%REC*	1	5/16/2014 22:07

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *20-May-14*

Client: Endeavor Environmental Services, Inc.
Project: Wegner Property (Former) P101397.40
Sample ID: MW-4
Collection Date: 5/15/2014 02:07 PM

Work Order: 1405828
Lab ID: 1405828-03
Matrix: WATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: PUBL-SW-140					Analyst: IT
1,2,4-Trimethylbenzene	1,300		3.5	100	µg/L	20	5/19/2014 15:37
1,3,5- Trimethylbenzene	460		2.9	100	µg/L	20	5/19/2014 15:37
Benzene	1,300		3.1	100	µg/L	20	5/19/2014 15:37
Ethylbenzene	1,100		5.1	100	µg/L	20	5/19/2014 15:37
m,p-Xylene	3,700		4.8	200	µg/L	20	5/19/2014 15:37
Methyl tert-butyl ether	8.1		0.18	5.0	µg/L	1	5/16/2014 22:34
Naphthalene	190		4.3	100	µg/L	20	5/19/2014 15:37
o-Xylene	670		4.4	100	µg/L	20	5/19/2014 15:37
Toluene	230		4.5	100	µg/L	20	5/19/2014 15:37
Xylenes, Total	4,400		13	300	µg/L	20	5/19/2014 15:37
Surr: a,a,a-Trifluorotoluene	*114*			*80-120*	*%REC*	1	5/16/2014 22:34
Surr: a,a,a-Trifluorotoluene	*109*			*80-120*	*%REC*	20	5/19/2014 15:37

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *20-May-14*

Client: Endeavor Environmental Services, Inc.
Project: Wegner Property (Former) P101397.40
Sample ID: Trip Blank
Collection Date: 5/15/2014

Work Order: 1405828
Lab ID: 1405828-04
Matrix: WATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: **PUBL-SW-140**					Analyst: IT
1,2,4-Trimethylbenzene	U		0.17	5.0	µg/L	1	5/16/2014 21:14
1,3,5- Trimethylbenzene	U		0.14	5.0	µg/L	1	5/16/2014 21:14
Benzene	U		0.16	5.0	µg/L	1	5/16/2014 21:14
Ethylbenzene	U		0.26	5.0	µg/L	1	5/16/2014 21:14
m,p-Xylene	U		0.24	10	µg/L	1	5/16/2014 21:14
Methyl tert-butyl ether	U		0.18	5.0	µg/L	1	5/16/2014 21:14
Naphthalene	U		0.22	5.0	µg/L	1	5/16/2014 21:14
o-Xylene	U		0.22	5.0	µg/L	1	5/16/2014 21:14
Toluene	U		0.23	5.0	µg/L	1	5/16/2014 21:14
Xylenes, Total	U		0.66	15	µg/L	1	5/16/2014 21:14
Surr: a,a,a-Trifluorotoluene	*86.9*			*80-120*	*%REC*	1	5/16/2014 21:14

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-May-14

Client: Endeavor Environmental Services, Inc.

Work Order: 1405828

Project: Wegner Property (Former) P101397.40

QC BATCH REPORT

Batch ID: **R140932** Instrument ID **GC9** Method: **PUBL-SW-140**

MBLK Sample ID: **MBLK-140516-R140932** Units: **µg/L** Analysis Date: **5/16/2014 08:48 PM**

Client ID: Run ID: **GC9_140516A** SeqNo: **2766850** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	U	5.0								
1,3,5- Trimethylbenzene	U	5.0								
Benzene	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5.0								
Naphthalene	U	5.0								
o-Xylene	U	5.0								
Toluene	U	5.0								
Xylenes, Total	U	15								
Surr: a,a,a-Trifluorotoluene	*17.36*	0	*20*	0	*86.8*	*80-120*	0			

LCS Sample ID: **LCS-140516-R140932** Units: **µg/L** Analysis Date: **5/16/2014 07:55 PM**

Client ID: Run ID: **GC9_140516A** SeqNo: **2766849** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	18.73	5.0	20	0	93.7	80-120	0			
1,3,5- Trimethylbenzene	18.25	5.0	20	0	91.2	80-120	0			
Benzene	19.09	5.0	20	0	95.5	80-120	0			
Ethylbenzene	18.47	5.0	20	0	92.4	80-120	0			
m,p-Xylene	39.51	10	40	0	98.8	80-120	0			
Methyl tert-butyl ether	18.44	5.0	20	0	92.2	80-120	0			
Naphthalene	16.37	5.0	20	0	81.8	80-120	0			
o-Xylene	19.24	5.0	20	0	96.2	80-120	0			
Toluene	20.22	5.0	20	0	101	80-120	0			
Xylenes, Total	58.76	15	60	0	97.9		0			
Surr: a,a,a-Trifluorotoluene	*17.35*	0	*20*	0	*86.7*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Endeavor Environmental Services, Inc.
Work Order: 1405828
Project: Wegner Property (Former) P101397.40

QC BATCH REPORT

Batch ID: **R140932** Instrument ID **GC9** Method: **PUBL-SW-140**

LCSD Sample ID: **LCSD-140516-R140932** Units: **µg/L** Analysis Date: **5/16/2014 11:00 PM**
Client ID: Run ID: **GC9_140516A** SeqNo: **2766855** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	33.81	5.0	20	0	169	80-120	18.73	57.4	20	SR
1,3,5- Trimethylbenzene	24.86	5.0	20	0	124	80-120	18.25	30.7	20	SR
Benzene	24.14	5.0	20	0	121	80-120	19.09	23.3	20	SR
Ethylbenzene	26.12	5.0	20	0	131	80-120	18.47	34.3	20	SR
m,p-Xylene	71.3	10	40	0	178	80-120	39.51	57.4	20	SR
Methyl tert-butyl ether	18.76	5.0	20	0	93.8	80-120	18.44	1.68	20	
Naphthalene	23.1	5.0	20	0	116	80-120	16.37	34.1	20	R
o-Xylene	22.03	5.0	20	0	110	80-120	19.24	13.5	20	
Toluene	22.17	5.0	20	0	111	80-120	20.22	9.18	20	
Xylenes, Total	93.32	15	60	0	156		58.76	45.5		
Surr: a,a,a-Trifluorotoluene	*19.29*	0	*20*	0	*96.5*	*80-120*	17.35	*10.6*	*20*	

The following samples were analyzed in this batch: 1405828-01A 1405828-02A 1405828-03A 1405828-04A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Endeavor Environmental Services, Inc.
Work Order: 1405828
Project: Wegner Property (Former) P101397.40

QC BATCH REPORT

Batch ID: **R140998** Instrument ID **GC9** Method: **PUBL-SW-140**

MBLK Sample ID: **MBLK-140519-R140998** Units: **µg/L** Analysis Date: **5/19/2014 03:10 PM**
Client ID: Run ID: **GC9_140519A** SeqNo: **2768698** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	U	5.0								
1,3,5- Trimethylbenzene	U	5.0								
Benzene	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
Naphthalene	U	5.0								
o-Xylene	U	5.0								
Toluene	U	5.0								
Xylenes, Total	U	15								
Surr: a,a,a-Trifluorotoluene	*16.19*	0	*20*	0	*81*	*80-120*	0			

LCS Sample ID: **LCS-140519-R140998** Units: **µg/L** Analysis Date: **5/19/2014 02:17 PM**
Client ID: Run ID: **GC9_140519A** SeqNo: **2768697** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	19.21	5.0	20	0	96.1	80-120	0			
1,3,5- Trimethylbenzene	19.53	5.0	20	0	97.6	80-120	0			
Benzene	19.71	5.0	20	0	98.5	80-120	0			
Ethylbenzene	19.38	5.0	20	0	96.9	80-120	0			
m,p-Xylene	41.38	10	40	0	103	80-120	0			
Naphthalene	18.73	5.0	20	0	93.6	80-120	0			
o-Xylene	19.98	5.0	20	0	99.9	80-120	0			
Toluene	21.32	5.0	20	0	107	80-120	0			
Xylenes, Total	61.36	15	60	0	102		0			
Surr: a,a,a-Trifluorotoluene	*17.98*	0	*20*	0	*89.9*	*80-120*	0			

LCSD Sample ID: **LCSD-140519-R140998** Units: **µg/L** Analysis Date: **5/19/2014 04:37 PM**
Client ID: Run ID: **GC9_140519A** SeqNo: **2768875** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	18.03	5.0	20	0	90.2	80-120	19.21	6.33	20	
1,3,5- Trimethylbenzene	17.94	5.0	20	0	89.7	80-120	19.53	8.47	20	
Benzene	18.36	5.0	20	0	91.8	80-120	19.71	7.1	20	
Ethylbenzene	18.31	5.0	20	0	91.6	80-120	19.38	5.66	20	
m,p-Xylene	38.76	10	40	0	96.9	80-120	41.38	6.54	20	
Naphthalene	16.79	5.0	20	0	84	80-120	18.73	10.9	20	
o-Xylene	18.25	5.0	20	0	91.2	80-120	19.98	9.07	20	
Toluene	19.92	5.0	20	0	99.6	80-120	21.32	6.76	20	
Xylenes, Total	57.01	15	60	0	95		61.36	7.36		
Surr: a,a,a-Trifluorotoluene	*18.69*	0	*20*	0	*93.4*	*80-120*	17.98	*3.86*	*20*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client:	Endeavor Environmental Services, Inc.
Work Order:	1405828
Project:	Wegner Property (Former) P101397.40

QC BATCH REPORT

Batch ID: **R140998** Instrument ID **GC9** Method: **PUBL-SW-140**

The following samples were analyzed in this batch: 1405828-03A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Cincinnati, OH +1 513 733 5336 | Fort Collins, CO +1 970 490 1511 | Houston, TX +1 281 530 5656 | Spring City, PA +1 610 948 4903 | South Charleston, WV +1 304 356 3168
Everett, WA +1 425 356 2600 | Holland, MI +1 616 399 6070 | Middletown, PA +1 717 944 5541 | Salt Lake City, UT +1 801 266 7700 | York, PA +1 717 505 5280

Chain of Custody Form

Page 1 of 1

COC ID: 14369

ALS Project Manager: RV | ALS Work Order #: L1405828

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wegner Property (Former)	A	PVOC + Naph
Work Order		Project Number	JP101397.40	B	
Company Name	Endeavor Env. Services, Inc.	Bill to Company	Endeavor Env. Services, Inc.	C	
Send Report To	Joseph Ramcheck	Invoice Attn	Joseph Ramcheck	D	
Address	2280-B Salscheider Ct.	Address	2280-B Salscheider Ct.	E	
				F	
City/State/Zip	Green Bay, WI 54313	City/State/Zip	Green Bay, WI 54313	G	
Phone	920-437-2997	Phone	920-437-2997	H	
Fax	920-437-3066	Fax	920-437-3066	I	
e-Mail Address	jramcheck@endeavorenv.com	e-Mail Address	jramcheck@endeavorenv.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-1	5/15/14	1325	GW	HCL	3	X										
2	301 Zachow St.	↓	1342	↓	↓	↓	X										
3	MW-4		1407				X										
4	Trip blank		—	Trip			X										
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Craig Eckstein Craig Eckstein

Shipment Method: Fed Ex

Required Turnaround Time: (Check Box) ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day ☐ Other

Results Due Date:

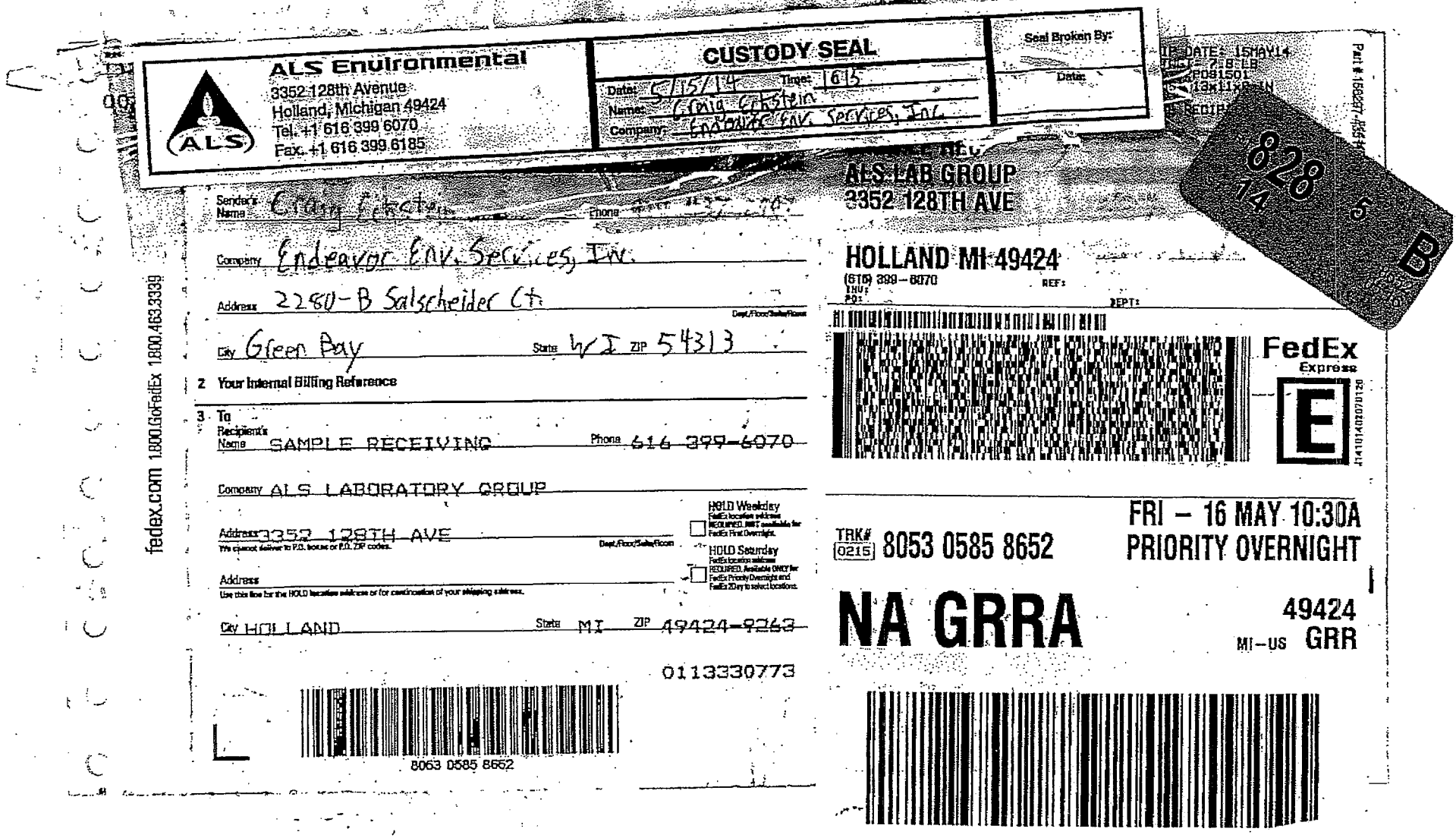
Relinquished by:	Date:	Time:	Received by:	Notes:
Craig Eckstein	5/15/14	1615	Fed Ex	
Relinquished by:	Date:	Time:	Received by (Laboratory):	
Fed Ex	5/16/14	0936		
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	
KB	5/16/14	1095		

Cooler ID	Cooler Temp
	2.2°C

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.



ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date: 5/15/14 Time: 16:5
Name: Craig Eckstein
Company: Endeavor Env. Services, Inc.

Seal Broken By:
Date:

828 14 5 B

fedex.com 1.800.GoFedEx 1.800.463.3339

Sender's Name Craig Eckstein Phone
Company Endeavor Env. Services, Inc.
Address 2280-B Salscheider Ct.
City Green Bay State WI ZIP 54313

2 Your Internal Billing Reference

3 To
Recipient's Name SAMPLE RECEIVING Phone 616 399-6070
Company ALS LABORATORY GROUP
Address 3352 128TH AVE
We cannot deliver to P.O. boxes or P.O. ZIP codes.
Address
Use this line for the HOLD location address or for continuation of your shipping address.
City HOLLAND State MI ZIP 49424-9263

HOLD Weekday
HOLD Saturday

0113330773

8063 0585 8662

AES LAB GROUP
3352 128TH AVE
HOLLAND MI 49424
(616) 399-6070
REF:
PO:
DEPT:

FedEx Express

TRK# 0215 8053 0585 8652

FRI - 16 MAY 10:30A
PRIORITY OVERNIGHT

NA GRRA

49424
MI-US GRR

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **ENDEAVORENV** Date/Time Received: **16-May-14 09:30**

Work Order: **1405828** Received by: **KRW**

Checklist completed by *Keith Wurenga* 16-May-14 Reviewed by: *Alex Cosazar* 16-May-14
eSignature Date eSignature Date

Matrices: Water
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.2 C		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	5/16/2014 11:12:12 AM		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

ALS Environmental

10-Oct-2014

Joe Ramcheck
Endeavor Environmental Services, Inc.
2280-B Salscheider Court
Green Bay, WI 54313

Re: **Former Wegner Property P101397.40** Work Order: **1410236**

Dear Joe,

ALS Environmental received 7 samples on 03-Oct-2014 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 19.

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

Sincerely,

Alex Csaszar

Electronically approved by: Alex Csaszar

Alex Csaszar
Project Manager

NELAP ACCREDITED LABORATORY
Certificate No: WI: 399084510

ALS Group USA, Corp

Date: 10-Oct-14

Client: Endeavor Environmental Services, Inc.
Project: Former Wegner Property P101397.40
Work Order: **1410236**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1410236-01	Potable	Groundwater		9/30/2014 20:25	10/3/2014 10:00	☐
1410236-02	MW-1	Groundwater		9/30/2014 21:00	10/3/2014 10:00	☐
1410236-03	MW-2	Groundwater		9/30/2014 21:10	10/3/2014 10:00	☐
1410236-04	MW-10	Groundwater		9/30/2014 21:25	10/3/2014 10:00	☐
1410236-05	MW-3	Groundwater		9/30/2014 21:40	10/3/2014 10:00	☐
1410236-06	MW-4	Groundwater		9/30/2014 22:00	10/3/2014 10:00	☐
1410236-07	Trip Blank	Water		9/30/2014	10/3/2014 10:00	☐

Client:	Endeavor Environmental Services, Inc.
Project:	Former Wegner Property P101397.40
Work Order:	1410236

Case Narrative

Samples for the above noted Work Order were received on 10/03/2014. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, sample condition, preservation, and temperature compliance.
In order to ensure compliance with NR 149 criteria, please note the following report format:
(1) The Limit of Detection (LOD) is reported as the MDL (Method Detection Limit)
(2) The Limit of Quantitation (LOQ) is reported as the PQL (Practical Quantitation Limit)
(3) All reported concentrations, including those for the LOD and LOQ, are adjusted for any required dilutions
(4) All reported concentrations, including those for the LOD and LOQ, are adjusted for moisture content when samples are reported on a dry weight basis.

Samples were analyzed according to the analytical methodology previously documented in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Detail as to the associated samples can be found at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, acronyms, and units utilized in reporting.

With the following exceptions, all sample analyses achieved analytical criteria.

Volatile Organics

Batch R149822, Method GRO_WISCONSIN_W, Sample GLCSDW1-141007: The LCSD recovery was below the lower control limits for Naphthalene. The sample results may be biased low for this analyte.

Batch R149822, Method GRO_WISCONSIN_W, Sample GLCSDW1-141007: The RPD between the LCS and LCSD was outside of the control limits fro Naphthalene. The sample results should be considered estimated for this analyte.

Batch R149868, Method GRO_WISCONSIN_W, Sample GLCSDW1-141008: The LCSD recovery was below the lower control limits for Naphthalene. The sample results may be biased low for this analyte.

Batch R149868, Method GRO_WISCONSIN_W, Sample GLCSDW1-141008: The RPD between the LCS and LCSD was outside of the control limits for 1,2,4-Trimethylbenzene. The sample results should be considered estimated for this analyte.

Batch R149822, Method GRO_WISCONSIN_W, Sample 1410236-06A: Ran at dilution due to high target and non-target analytes.

ALS Group USA, Corp

Date: 10-Oct-14

Client: Endeavor Environmental Services, Inc.
Project: Former Wegner Property P101397.40
WorkOrder: 1410236

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
µg/L	Micrograms per Liter

ALS Group USA, Corp

Date: *10-Oct-14*

Client: Endeavor Environmental Services, Inc.
Project: Former Wegner Property P101397.40
Sample ID: Potable
Collection Date: 9/30/2014 08:25 PM

Work Order: 1410236
Lab ID: 1410236-01
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: **PUBL-SW-140**					Analyst: IT
1,2,4-Trimethylbenzene	U		0.17	5.0	µg/L	1	10/7/2014 20:22
1,3,5-Trimethylbenzene	U		0.14	5.0	µg/L	1	10/7/2014 20:22
Benzene	U		0.16	5.0	µg/L	1	10/7/2014 20:22
Ethylbenzene	U		0.26	5.0	µg/L	1	10/7/2014 20:22
m,p-Xylene	U		0.24	10	µg/L	1	10/7/2014 20:22
Methyl tert-butyl ether	U		0.18	5.0	µg/L	1	10/7/2014 20:22
Naphthalene	U		0.22	5.0	µg/L	1	10/7/2014 20:22
o-Xylene	U		0.22	5.0	µg/L	1	10/7/2014 20:22
Toluene	U		0.23	5.0	µg/L	1	10/7/2014 20:22
Xylenes, Total	U		0.66	15	µg/L	1	10/7/2014 20:22
Surr: a,a,a-Trifluorotoluene	*83.1*			*80-120*	*%REC*	1	10/7/2014 20:22

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *10-Oct-14*

Client: Endeavor Environmental Services, Inc.
Project: Former Wegner Property P101397.40
Sample ID: MW-1
Collection Date: 9/30/2014 09:00 PM

Work Order: 1410236
Lab ID: 1410236-02
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: PUBL-SW-140					Analyst: IT
1,2,4-Trimethylbenzene	U		0.17	5.0	µg/L	1	10/7/2014 20:49
1,3,5-Trimethylbenzene	U		0.14	5.0	µg/L	1	10/7/2014 20:49
Benzene	U		0.16	5.0	µg/L	1	10/7/2014 20:49
Ethylbenzene	U		0.26	5.0	µg/L	1	10/7/2014 20:49
m,p-Xylene	U		0.24	10	µg/L	1	10/7/2014 20:49
Methyl tert-butyl ether	U		0.18	5.0	µg/L	1	10/7/2014 20:49
Naphthalene	U		0.22	5.0	µg/L	1	10/7/2014 20:49
o-Xylene	U		0.22	5.0	µg/L	1	10/7/2014 20:49
Toluene	U		0.23	5.0	µg/L	1	10/7/2014 20:49
Xylenes, Total	U		0.66	15	µg/L	1	10/7/2014 20:49
Surr: a,a,a-Trifluorotoluene	*82.9*			*80-120*	*%REC*	1	10/7/2014 20:49

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *10-Oct-14*

Client: Endeavor Environmental Services, Inc.
Project: Former Wegner Property P101397.40
Sample ID: MW-2
Collection Date: 9/30/2014 09:10 PM

Work Order: 1410236
Lab ID: 1410236-03
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: PUBL-SW-140					Analyst: IT
1,2,4-Trimethylbenzene	U		0.17	5.0	µg/L	1	10/7/2014 21:15
1,3,5-Trimethylbenzene	U		0.14	5.0	µg/L	1	10/7/2014 21:15
Benzene	U		0.16	5.0	µg/L	1	10/7/2014 21:15
Ethylbenzene	U		0.26	5.0	µg/L	1	10/7/2014 21:15
m,p-Xylene	U		0.24	10	µg/L	1	10/7/2014 21:15
Methyl tert-butyl ether	U		0.18	5.0	µg/L	1	10/7/2014 21:15
Naphthalene	U		0.22	5.0	µg/L	1	10/7/2014 21:15
o-Xylene	U		0.22	5.0	µg/L	1	10/7/2014 21:15
Toluene	U		0.23	5.0	µg/L	1	10/7/2014 21:15
Xylenes, Total	U		0.66	15	µg/L	1	10/7/2014 21:15
Surr: a,a,a-Trifluorotoluene	*84.9*			*80-120*	*%REC*	1	10/7/2014 21:15

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *10-Oct-14*

Client: Endeavor Environmental Services, Inc.
Project: Former Wegner Property P101397.40
Sample ID: MW-10
Collection Date: 9/30/2014 09:25 PM

Work Order: 1410236
Lab ID: 1410236-04
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: PUBL-SW-140					Analyst: IT
1,2,4-Trimethylbenzene	U		0.17	5.0	µg/L	1	10/8/2014 14:15
1,3,5-Trimethylbenzene	U		0.14	5.0	µg/L	1	10/8/2014 14:15
Benzene	U		0.16	5.0	µg/L	1	10/8/2014 14:15
Ethylbenzene	U		0.26	5.0	µg/L	1	10/8/2014 14:15
m,p-Xylene	U		0.24	10	µg/L	1	10/8/2014 14:15
Methyl tert-butyl ether	U		0.18	5.0	µg/L	1	10/8/2014 14:15
Naphthalene	U		0.22	5.0	µg/L	1	10/8/2014 14:15
o-Xylene	U		0.22	5.0	µg/L	1	10/8/2014 14:15
Toluene	U		0.23	5.0	µg/L	1	10/8/2014 14:15
Xylenes, Total	U		0.66	15	µg/L	1	10/8/2014 14:15
Surr: a,a,a-Trifluorotoluene	*85.7*			*80-120*	*%REC*	1	10/8/2014 14:15

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *10-Oct-14*

Client: Endeavor Environmental Services, Inc.
Project: Former Wegner Property P101397.40
Sample ID: MW-3
Collection Date: 9/30/2014 09:40 PM

Work Order: 1410236
Lab ID: 1410236-05
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: **PUBL-SW-140**					Analyst: IT
1,2,4-Trimethylbenzene	U		0.17	5.0	µg/L	1	10/7/2014 21:42
1,3,5-Trimethylbenzene	U		0.14	5.0	µg/L	1	10/7/2014 21:42
Benzene	U		0.16	5.0	µg/L	1	10/7/2014 21:42
Ethylbenzene	U		0.26	5.0	µg/L	1	10/7/2014 21:42
m,p-Xylene	U		0.24	10	µg/L	1	10/7/2014 21:42
Methyl tert-butyl ether	U		0.18	5.0	µg/L	1	10/7/2014 21:42
Naphthalene	U		0.22	5.0	µg/L	1	10/7/2014 21:42
o-Xylene	U		0.22	5.0	µg/L	1	10/7/2014 21:42
Toluene	U		0.23	5.0	µg/L	1	10/7/2014 21:42
Xylenes, Total	U		0.66	15	µg/L	1	10/7/2014 21:42
Surr: a,a,a-Trifluorotoluene	*84.3*			*80-120*	*%REC*	1	10/7/2014 21:42

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *10-Oct-14*

Client: Endeavor Environmental Services, Inc.
Project: Former Wegner Property P101397.40
Sample ID: MW-4
Collection Date: 9/30/2014 10:00 PM

Work Order: 1410236
Lab ID: 1410236-06
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: PUBL-SW-140					Analyst: IT
1,2,4-Trimethylbenzene	1,000		4.3	120	µg/L	25	10/7/2014 23:28
1,3,5-Trimethylbenzene	410		3.6	120	µg/L	25	10/7/2014 23:28
Benzene	440		3.9	120	µg/L	25	10/7/2014 23:28
Ethylbenzene	970		6.4	120	µg/L	25	10/7/2014 23:28
m,p-Xylene	2,300		6.0	250	µg/L	25	10/7/2014 23:28
Methyl tert-butyl ether	9.2	J	4.4	120	µg/L	25	10/7/2014 23:28
Naphthalene	260		5.4	120	µg/L	25	10/7/2014 23:28
o-Xylene	230		5.5	120	µg/L	25	10/7/2014 23:28
Toluene	29	J	5.6	120	µg/L	25	10/7/2014 23:28
Xylenes, Total	2,500		16	380	µg/L	25	10/7/2014 23:28
Surr: a,a,a-Trifluorotoluene	*90.7*			*80-120*	*%REC*	25	10/7/2014 23:28

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *10-Oct-14*

Client: Endeavor Environmental Services, Inc.
Project: Former Wegner Property P101397.40
Sample ID: Trip Blank
Collection Date: 9/30/2014

Work Order: 1410236
Lab ID: 1410236-07
Matrix: WATER

Analyses	Result	Qual	MDL	PQL	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-FID/PID		Method: PUBL-SW-140					Analyst: IT
1,2,4-Trimethylbenzene	U		0.17	5.0	µg/L	1	10/7/2014 16:23
1,3,5-Trimethylbenzene	U		0.14	5.0	µg/L	1	10/7/2014 16:23
Benzene	U		0.16	5.0	µg/L	1	10/7/2014 16:23
Ethylbenzene	U		0.26	5.0	µg/L	1	10/7/2014 16:23
m,p-Xylene	U		0.24	10	µg/L	1	10/7/2014 16:23
Methyl tert-butyl ether	U		0.18	5.0	µg/L	1	10/7/2014 16:23
Naphthalene	U		0.22	5.0	µg/L	1	10/7/2014 16:23
o-Xylene	U		0.22	5.0	µg/L	1	10/7/2014 16:23
Toluene	U		0.23	5.0	µg/L	1	10/7/2014 16:23
Xylenes, Total	U		0.66	15	µg/L	1	10/7/2014 16:23
Surr: a,a,a-Trifluorotoluene	*82.6*			*80-120*	*%REC*	1	10/7/2014 16:23

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 10-Oct-14

Client: Endeavor Environmental Services, Inc.

Work Order: 1410236

Project: Former Wegner Property P101397.40

QC BATCH REPORT

Batch ID: **R149822** Instrument ID **GC9** Method: **PUBL-SW-140**

MBLK	Sample ID: **GBLKW1-141007-R149822**			Units: µg/L			Analysis Date: **10/7/2014 03:56 PM**			
Client ID:	Run ID: **GC9_141007A**			SeqNo: **2971492**	Prep Date:		DF: **1**			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	U	5.0								
1,3,5-Trimethylbenzene	U	5.0								
Benzene	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5.0								
Naphthalene	U	5.0								
o-Xylene	U	5.0								
Toluene	U	5.0								
Xylenes, Total	U	15								
Surr: a,a,a-Trifluorotoluene	*16.68*	0	*20*	0	*83.4*	*80-120*	0			

LCS	Sample ID: **GLCSW1-141007-R149822**			Units: µg/L			Analysis Date: **10/7/2014 03:30 PM**			
Client ID:	Run ID: **GC9_141007A**			SeqNo: **2971490**	Prep Date:		DF: **1**			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	18.16	5.0	20	0	90.8	80-120	0			
1,3,5-Trimethylbenzene	17.76	5.0	20	0	88.8		0			
Benzene	18.48	5.0	20	0	92.4	80-120	0			
Ethylbenzene	17.65	5.0	20	0	88.2	80-120	0			
m,p-Xylene	38.15	10	40	0	95.4	80-120	0			
Methyl tert-butyl ether	17.25	5.0	20	0	86.3	80-120	0			
Naphthalene	17.5	5.0	20	0	87.5	80-120	0			
o-Xylene	18.4	5.0	20	0	92	80-120	0			
Toluene	19.6	5.0	20	0	98	80-120	0			
Surr: a,a,a-Trifluorotoluene	*17.08*	0	*20*	0	*85.4*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Endeavor Environmental Services, Inc.
Work Order: 1410236
Project: Former Wegner Property P101397.40

QC BATCH REPORT

Batch ID: **R149868** Instrument ID **GC9** Method: **PUBL-SW-140**

MBLK Sample ID: **GBLKW1-141008-R149868** Units: µg/L Analysis Date: **10/8/2014 12:56 PM**
Client ID: Run ID: **GC9_141008A** SeqNo: **2972631** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	U	5.0								
1,3,5-Trimethylbenzene	U	5.0								
Benzene	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5.0								
Naphthalene	U	5.0								
o-Xylene	U	5.0								
Toluene	U	5.0								
Xylenes, Total	U	15								
Surr: a,a,a-Trifluorotoluene	*17.54*	0	*20*	0	*87.7*	*80-120*		0		

LCS Sample ID: **GLCSW1-141008-R149868** Units: µg/L Analysis Date: **10/8/2014 12:03 PM**
Client ID: Run ID: **GC9_141008A** SeqNo: **2972628** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	17.4	5.0	20	0	87	80-120		0		
1,3,5-Trimethylbenzene	17.12	5.0	20	0	85.6	80-120		0		
Benzene	17.91	5.0	20	0	89.6	80-120		0		
Ethylbenzene	17	5.0	20	0	85	80-120		0		
m,p-Xylene	37.1	10	40	0	92.8	80-120		0		
Methyl tert-butyl ether	16.67	5.0	20	0	83.4	80-120		0		
Naphthalene	17.88	5.0	20	0	89.4	80-120		0		
o-Xylene	17.97	5.0	20	0	89.9	80-120		0		
Toluene	18.9	5.0	20	0	94.5	80-120		0		
Xylenes, Total	55.08	15	60	0	91.8			0		
Surr: a,a,a-Trifluorotoluene	*16.9*	0	*20*	0	*84.5*	*80-120*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Endeavor Environmental Services, Inc.
Work Order: 1410236
Project: Former Wegner Property P101397.40

QC BATCH REPORT

Batch ID: **R149868** Instrument ID **GC9** Method: **PUBL-SW-140**

LCSD	Sample ID: **GLCSDW1-141008-R149868**			Units: µg/L			Analysis Date: **10/8/2014 04:03 PM**			
Client ID:	Run ID: **GC9_141008A**			SeqNo: **2973004**		Prep Date:		DF: **1**		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	21.86	5.0	20	0	109	80-120	17.4	22.7	20	R
1,3,5-Trimethylbenzene	20.83	5.0	20	0	104	80-120	17.12	19.5	20	
Benzene	19.99	5.0	20	0	99.9	80-120	17.91	10.9	20	
Ethylbenzene	19.56	5.0	20	0	97.8	80-120	17	14	20	
m,p-Xylene	43.66	10	40	0	109	80-120	37.1	16.2	20	
Methyl tert-butyl ether	17.66	5.0	20	0	88.3	80-120	16.67	5.73	20	
Naphthalene	15.16	5.0	20	0	75.8	80-120	17.88	16.5	20	S
o-Xylene	20.62	5.0	20	0	103	80-120	17.97	13.7	20	
Toluene	21	5.0	20	0	105	80-120	18.9	10.5	20	
Xylenes, Total	64.27	15	60	0	107		55.08	15.4		
Surr: a,a,a-Trifluorotoluene	*19.17*	0	*20*	0	*95.8*	*80-120*	16.9	*12.6*	*20*	

The following samples were analyzed in this batch: 1410236-04A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Spring City, PA +1 610 948 4903
Middletown, PA +1 717 944 5541
Salt Lake City, UT +1 801 266 7700
South Charleston, WV +1 304 356 3168
York, PA +1 717 505 5280

ALS Environmental

Chain of Custody Form

Page 1 of 1

COC ID: 14106

ALS Project Manager: [illegible]

ALS Work Order #: 1410236

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	RCRA U.C Schedule	Project Name	Former Wegner Property	A	PVOC plus naphthalene
Work Order		Project Number	P101397.90	B	
Company Name	Endeavor Env. Services Inc	Bill To Company	Same as "Report To"	C	
Send Report To	Joseph Ranchcek	Invoice Attn		D	
Address	2280-B Switzerland Court	Address		E	
				F	
City/State/Zip	Green Bay, WI 54313	City/State/Zip		G	
Phone	920-437-2997	Phone		H	
Fax	920-437-3066	Fax		I	
e-Mail Address	jranchcek@endeavorcw.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Potable	9/30/14	2025	GW	HCl	2	X										
2	MW-1		2100				X										
3	MW-2		2110				X										
4	MW-10		2125				X										
5	MW-3		2140				X										
6	MW-4		2200				X										
7	Trip Blank		—	Trip		1	X										
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Joseph Ranchcek

Shipment Method: Fed Express

Required Turnaround Time: (Check Box) ☐ Other ☐ STD 10 Wk Days ☐ 5 Wk Days ☐ 1st 2 Wk Days ☐ 24 Hour

Results Due Date:

Relinquished by:		Date: 10/2/14	Time: 1600	Received by: FEDEX	
Relinquished by:	FEDEX	Date: 10/03/14	Time: 1000	Received by (Laboratory):	
Logged by (Laboratory): KP		Date: 10/3/14	Time: 1135	Checked by (Laboratory):	

Notes:

Cooler ID	Cooler Temp
	2.2c

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

FedEx Express Package US Airbill

8053 0585 94

1 From

Date 10/2/14

Sender's Name Joseph Ramcheck Phone 920 497-2997

Company Endeavor Env. Services, Inc

Address 2260-B Sutherland Court

City Green Bay State WI ZIP 54313

2 Your Internal Billing Reference

3 To Recipient's Name SAMPLE RECEIVING Phone 616 399-6070

Company ALS LABORATORY GROUP

Address 3352 128TH AVE

Service Type: FedEx Standard Overnight

Packaging: FedEx Envelope* / FedEx Pak* / FedEx Box / FedEx Tube / Other

Special Handling and Delivery Signature Options: Indirect Signature

Does this shipment contain dangerous goods? No

Dry Ice

Cargo Aircraft Only

Recipient's Copy

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL

Date: 10/2/14 Time: 1600

Name: Joseph Ramcheck

Seal Broken By:

Date:

Part # 156297

SHIP DATE: 02OCT14
ACTWGT: 26.0 LB MAN
CAD: 4008150I
DIMS: 24x13x14 IN
BILL RECIPIENT

STATE/B JOE

MPLE REC
S ENVIRONMENTAL
52 128TH AVE
OLLAND MI 49424
99-6070

ID:GRBA

FedEx Express

FRI - 03 OCT AA
STANDARD OVERNIGHT

8053 0585 9464

49424
MI-US GRR

IA HLMA

Express Package Service

fedex.com 1.800.GoFedEx 1.800.463.3339

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: ENDEAVORENV Date/Time Received: 03-Oct-14 10:00

Work Order: 1410236 Received by: TBB

Checklist completed by Joseph Ribar (eSignature) 03-Oct-14 (Date) Reviewed by: (eSignature) (Date)

Matrices: Water
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.0 C		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	10/3/2014 12:03:28 PM		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction: