SITE INVESTIGATION WORK PLAN

STURGEON BAY LAUNDERERS AND CLEANERS (FORMER)

7 2ND AVENUE SOUTH

STURGEON BAY, WISCONSIN 54235

BRRTS NO. 02-15-576022

PREPARED FOR:

ALLIN V WALKER & MARGARET LOCKWOOD REVOCABLE TRUST

7 2ND AVENUE SOUTH

STURGEON BAY, WISCONSIN

PREPARED BY:

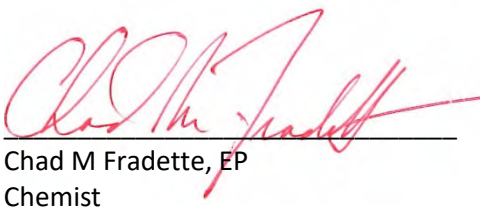
EVERGREEN CONSULTANTS LLC

2918 VAN HOOF ROAD

GREEN BAY, WISCONSIN 54313

EVERGREEN CONSULTANTS PROJECT REFERENCE #DOR19-012-22

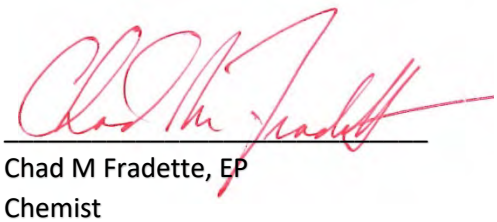
OCTOBER 22, 2020



Chad M Fradette, EP
Chemist
Evergreen Consultants, LLC

CERTIFICATIONS

"I, Chad M Fradette, hereby certify that I am a scientist as that term is defined in s. NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



Chad M Fradette, EP
Chemist

October 22, 2020
Date

1. INTRODUCTION

On behalf of Allin V Walker and Margaret Lockwood Revocable Trust, Evergreen Consultants, LLC (Evergreen) was retained in January 2019 to complete Site Investigation Reporting activities at the Sturgeon Bay Launderers and Cleaners (former) site, WDNR BRRTS No. 02-15-576022 located at 7 2nd Avenue South in Sturgeon Bay, Door County, Wisconsin. This document is limited to the parcel no. 281-1085040601C (hereinafter the "Site") as no subsurface impacts were identified outside the limits of this parcel in the course of the completed investigation work.

This report documents and discusses the soil and groundwater investigation activities and results and provides an interpretation of the collected data relative to established State of Wisconsin rules and regulations. Past site investigation activities were completed in accordance with Wisconsin laws and regulations at the time work was performed; specifically, Wisconsin Administrative Code (WAC) Chapters NR 700 through NR 726 (NR 700 through NR 726), WACChapter NR 140(NR 140), and WAC Chapter NR 141 (NR 141).

2. PURPOSE AND SCOPE OF WORK

2.1 **Purpose of Work.** The purpose of subsurface investigation activities was to (1) adequately identify and define the nature and extent of subsurface impacts to satisfy to the requirements of NR 716 for subsurface investigations; and (2) generate sufficient geologic and hydrogeologic data to evaluate potential risks to human health and the surrounding environment.

2.2 **Previous Work.** The past scope of work for this project included an evaluation of the presence, type, and extent of subsurface impacts in addition to a determination of the subsurface characteristics (soil types and hydrogeologic conditions) for the project area. The following investigation activities were completed at the site:

- Advanced three direct-push (Geoprobe®) soil borings (GP-1 through GP-3) on August 4, 2015 on the Site. One soil sample from soil boring GP-1 and GP-3 (2 samples total) and two groundwater samples from temporary wells installed within soil borings GP-1 and GP-2 were submitted for laboratory analysis of volatile organic compounds (VOCs) to evaluate potential impacts present within the site subsurface. Following soil and groundwater sample collection, all borings were abandoned in accordance with NR 141 regulations.

- Advanced four direct-push (Geoprobe®) soil borings (GP-4 through GP-7) on August 20, 2015 on the Site. One soil sample from each soil boring (4 samples total) were submitted for laboratory analysis of VOCs to evaluate potential impacts present within the site subsurface. Following soil sample collection, all borings were abandoned in accordance with NR 141 regulations.

- Advanced nine direct-push (Geoprobe®) soil borings (GP-8 through GP-16) on August 26, 2015 on the Site. One soil sample from each soil boring (9 samples total) were submitted for laboratory analysis of VOCs to evaluate potential impacts present within the site subsurface. Following soil sample collection, all borings were abandoned in accordance with NR 141 regulations.

- Advanced four direct-push (Geoprobe®) soil borings (GP-16* through GP-19) on September 4, 2015 on the Site. One soil sample from each soil boring (4 samples total) were submitted for laboratory analysis of VOCs to evaluate potential impacts present within the site subsurface. *Soil boring GP-16 was resampled due to cross-contamination concerns. Following soil sample collection, all borings were abandoned in accordance with NR 141 regulations.

- Advanced four soil test pits (TP-1 through TP-4) and two interior sub-floor soil borings (SB-1 and SB-2) on September 10, 2015 on the Site. Two samples from each test pit and one soil sample from each soil boring (10 samples total) were submitted for laboratory analysis of VOCs to evaluate potential impacts present within the site subsurface. Following soil sample collection, all borings were abandoned in accordance with NR 141 regulations.

- Excavated 194.87 tons of contaminated soils on site on October 27 and 28, 2015. Soils were disposed at the Waste Management - Ridgeview Landfill in Whitelaw, Wisconsin.

- Property owners installed an active vapor mitigation system in January 2016.

- Performed vapor intrusion sampling on December 7, 2016 on the Site. Samples from the ambient air, sub-slab vapor and vapor mitigation exhaust were submitted for laboratory analysis of VOCs to evaluate vapor intrusion and the effectiveness of the vapor mitigation system.

2.3 Comments on August 24, 2020 Letter

1. Vapor Intrusion
   Chad Fradette stopped at the adjacent business on August 25, 2020. The owner, Bill Sauve, was not present, but office staff showed Mr. Fradette the extensive improvements within the building. Mr. Sauve called Mr. Fradette back the same day. Mr. Sauve will not allow us to do any work on his property. He remembers watching the excavation and that all soils were removed adjacent to his building. He mentioned getting an attorney involved to keep us from working on his property.
2. SIWP
3. Extent of contamination towards Michigan. Soils were removed all the way to the Michigan street wight-of-way. Soil borings GP-20 and GP-28 were installed in the right-of way. Soil and groundwater samples were collected, and groundwater was collected from GP-20. No contamination was encountered.

4. A survey diagram from the site file shows the area of GP-13 was authorized to be excavated. Pictures of the excavation show that the area appears to be disturbed. A soil boring should be installed in this area to determine if it was excavated and a confirmation sample collected southeast of the area for contamination definition.
5. A survey diagram and a hand-drawn cross-section found in the project file show the area of GP-12 within the area removed during excavation. If the area of GP-13 was confirmed removed, then the area of GP-11 was also removed. This will be confirmed with soil samples. The excavation backfill material is a much different sand than the native soils on-site. If the soil contamination in the areas of GP-11 and GP-12 remain on-site, the areas will be covered within the cap maintenance plan. Included with the figures.
6. Six groundwater samples have been collected from beneath the former area of contamination. No groundwater contamination was encountered. Evergreen will find a Hydrogeologist to review the data and confirm the lab reports show no contaminants and render an opinion.
7. Structural impediments:
    a. The building itself is the second oldest remaining structure in Sturgeon Bay. The structural architect warned of any further remedial work around the structure.
    b. A fence and a large wooden deck impede access to the 18 feet southeast of the building. Borings GP-25 and GP-26 were installed in the area to define contamination. No contamination was encountered.
    c. We believe the contamination is at the bottom of the slope because of the topography of the site. Contamination originated in the basement of the building, likely spillage on the floor and some was likely disposed out the back door. The slope of the site runs down from the back door towards GP-13.
8. Further helpful information
    a. The file provided to Evergreen did not contain field notes or boring logs for many of the shallow borings. We do not have them to give.
    b. **The statement from the Department is false**. We have stated many times that there was a groundwater sample collected from within the contamination area (GP-2). The temporary groundwater well is shown on Boring Maps as GP-2. It also shown on the cross-section drawing, boring logs, data table, and lab data sheet. No contamination was found in the groundwater and we do not need a Hydrogeologist to interpret the data report for us to know that.
    I hope the Department will recognize the additional five groundwater samples that were collected from the formerly contaminated areas and that makes for a total of six.
    c. GP-12 was mis-located on a map. Original drawings and survey data show GP-12 within the excavated area.
    d. Sidewall confirmation samples SW-1, SW-2, and SW-3 are shown on the excavation limits and were collected from the sidewall.

2.4 Work Plan

- Installed nine soil borings to further define residual soil contamination on-site.
- Install an additional soil boring to confirm whether the area of GP-11 and GP-13 was removed during the excavation. Install an additional soil boring southeast of GP-13
- Collected groundwater during soil boring installation from a groundwater profiling screen.
- Discuss vapor intrusion with the neighboring property owner again.

2.5 Maintenance Plan

The main body of contamination lies beneath the basement slab of the building. If the building is maintained, it will serve as a cap over the main body of contamination. Most of the contamination outside the building was removed during excavation. Remaining contamination located within grassed areas on-site will remain in place. The contamination does not exceed direct contact standards. Groundwater contamination has not been encountered on-site and residual soil contamination is not in contact with the groundwater table. The existing grass cap will be proposed to remain as a barrier.

2.6 Project Team.

The following firms and contractors provided services during site investigation and remedial activities completed at the site.

Responsible Party:
Allin V Walker & Margaret Lockwood Revocable Trust
7 2nd Ave South
Sturgeon Bay, WI 54235

Environmental Consulting Firms:

Evergreen Consultants LLC
2918 Van Hoof Rd
Green Bay, WI 54313
(920) 615-0019
chad@evergreenwis.com
Project Manager: Chad M Fradette, EP

NRP Environmental Consultants, Inc.
2357 Pamperin Road, Suite 2
Green Bay, WI 54313
(920) 662-9212
Engineer: Jeff LaViolette, PE

Drilling Services:
Geiss Soil & Samples, LLC
W4490 Pope Road
Merrill, WI 54452
(715) 539-3928

Contractors:

Lily Bay Sand and Gravel, LLC
1451 Clay Banks Road
Sturgeon Bay, WI 54235
(920) 743-2312

Reinhardt Construction Inc
8574 S Highland Road
Fish Creek, WI 54212
(920) 839-2989

Consulting Architect:
Virge Temme Architecture
9098 Lime Kiln Road
Sturgeon Bay, WI 54235
(920) 824-5746

Laboratory Services:

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

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

3. BACKGROUND INFORMATION

3.1 **Project Area Location.** The site is in Section 7, in Township 27 North, Range 26 East, in Sturgeon Bay, Door County, Wisconsin (refer to **Figure 1)** in a commercial area that includes commercial office, retail, restaurant, gas station and multi-family residential developments. The site is generally bordered by commercial properties to the southwest, northwest, northeast and residential on the southeast.

The approximate geographic coordinates of the property center are as follows: 727279, 487796.

The coordinates were determined by using the WDNR's interactive Geographic Information System (GIS).

3.2 **Site Description.** The site covers approximately 0.32 acres of land and is currently comprised of one parcel. A site plan map is included as **Figure 2.** Currently, the site is occupied entirely by an art gallery, art studio and residence. The building on-site is of historical interest and is the third oldest structure in the City of Sturgeon Bay. Historically, the site was developed prior to 1885. The property was used as a printer and was the long-time home of “The Advocate” newspaper. There was an underground gasoline tank located behind the building used to store fuel to power the gasoline powered printing engines. In 1919 the building was used as an egg preserving factory until1938. In 1938 Ralph Lenius opened Sturgeon Bay Launderers and Cleaners, a steam laundry that used a boiler powered by a diesel engine located behind the building, which later become a dry cleaner. Sturgeon Bay Launderers and Cleaners operated out of this location until 1969. The building was vacant for many years and occasionally occupied for commercial activities. The site was redeveloped in 2016 to the current layout with the addition of an outdoor sitting, area, deck and a new garage.

3.2.1 Zoning. The site is currently zoned (as of the date of this report) as Central Business C-2 based on City of Sturgeon Bay zoning maps. The Central Business District is a Mixed-Use district, permitting, according to the City of Sturgeon Bay code "a full range of high-intensity uses: retail, multifamily housing, offices, entertainment and civic uses."

3.2.2 Topography and Drainage. The site is steeply sloped with ground surface elevations generally ranging between approximately 595 and 586 feet above Mean Sea Level (MSL). The site surface is graded to drain towards S 1st Avenue.

3.2.3 Utility Review. Information regarding utilities is based on field markings provided by a Diggers Hotline representative and observations by prior personnel. Underground utilities serving the site are limited to potable water and sanitary sewer laterals running to the building located within the site which enter from the S. 2nd Avenue right-of-way on the northeast side of the

site. Based on the location and depth of known utilities and the degree and extent of identified impacts, the utility corridors are not expected to pose any pathway for off-site migration. Utilities in the vicinity of the site include the following:

- Municipal water - The site and surrounding properties are serviced by the municipal water system operated by the City of Sturgeon Bay, which obtains water from five potable wells. The nearest well is Well No. 7 located 860 feet southeast of the Site within Martin Park. That well is cased to 155 feet. The Site is located within the mapped zone of contribution of the well as shown in **Figure 3**.

- Sanitary sewer - Sanitary sewer lines are located within the S. 2nd Avenue right-of-way to the northeast of the Site.

- Natural gas - A natural gas line is located within the S. 2nd Avenue right-of-way to the northeast of the Site.

- Electric & Communication - Overhead electric and communication lines are present above the Site. Underground telephone is located along the northeast side of the commercial printer adjacent the Site. The line was located 1 foot below ground surface in native soils. The soil above and below the line was removed via excavation during Site remedial activities.

3.2.4 Potential Receptors. The site is located within the City of Sturgeon Bay which provides properties with municipally supplied water using groundwater as a source for potable water. Sturgeon Bay Well No. 7 is located 860 feet southeast of the Site. The well is cased to 155 feet and the Site lies within the mapped zone of contribution of the well. Based on results of site investigation activities, Sturgeon Bay Well No. 7 is considered slightly at risk from impacts identified at the site. The City reported that this well has no contamination.

The closest surface water body is Sturgeon Bay, located approximately 335 feet to the southwest of the site as shown in **Figure 1.**

There is a residence, garage, art studio and art gallery present on the Site.

A commercial office is located along the southwest property shared with the Site.

3.2.5 Adjacent Properties. The adjacent site to the northeast (E Z Stop), located at 211 Michigan Street, is a closed LUST site (BRRTS #03-15-182719). The LUST

case was closed with residual soil and groundwater impacts with a cap over the contaminated area.

The adjacent site to the north (Clark Oil Station #121), located at 214 Michigan Street, is a closed LUST site (BRRTS #03-15-001169). The LUST case was closed with residual soil, free product and groundwater impacts with a cap over the contaminated area.

3.3 Physiographic Setting.

3.3.1 Regional Geology. The Site geology consists of glacial deposits overlying bedrock. Near the site, it is reported that glacial deposits generally consist of till; silt, sand, gravel, and boulders • Silurian dolomite should be encountered at an estimated depth of approximately 20 feet bgs based on bedrock encountered on sites to the northwest. Bedrock was not encountered on adjacent LUST Sites.

3.3.2 Regional Hydrogeology. The groundwater in this area was investigated as part of the adjacent LUST Sites. Groundwater flow in the vicinity of the Site is towards the southwest towards Sturgeon Bay. Groundwater depth near the Site was from 10 to 15 ft bgs. Groundwater depth encountered during this investigation was 15 to 19 ft bgs.

FIGURES

Figure 1 - Site Location Map
Sturgeon Bay Launderers and Cleaners (Former)
City of Sturgeon Bay
Door County, Wisconsin

Project: DOR19-012-22
Parcel No: 2811085040601C

0 200 400 800
Feet

N
W E
S

Legend

Site Boundary

evergreen consultants LLC
2907 Baylite Drive • Green Bay, WI 54313
Phone: 920.615.0019 • Website: www.evergreenwis.com

Figure 2 - Site Plan Map
Sturgeon Bay Launderers and Cleaners (Former)

0 30 60 120
Feet

N
W E
S

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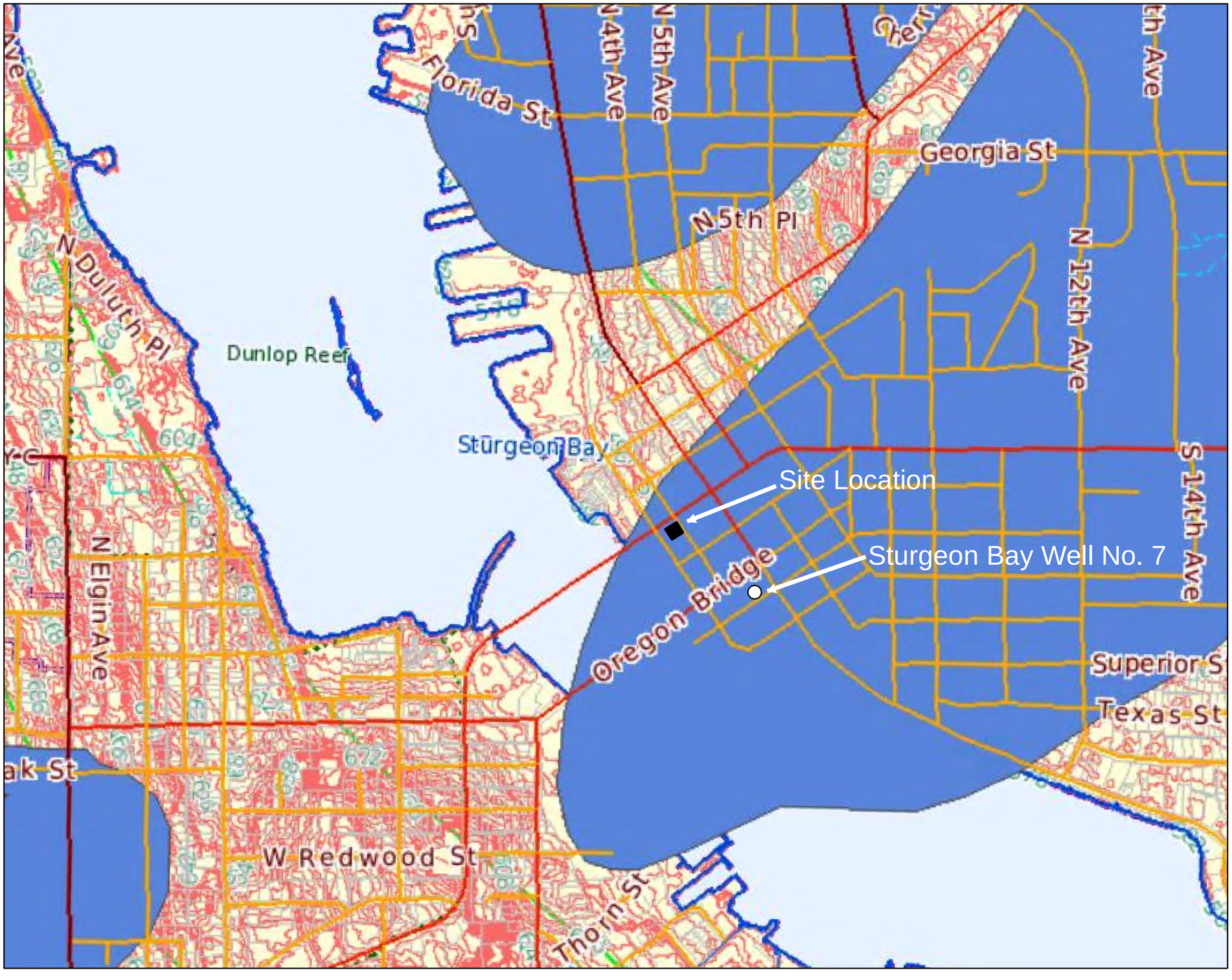

Figure 3 - Well No.7 Zone of Contribution
Sturgeon Bay Launderers and Cleaners (Former)
City of Sturgeon Bay
Door County, Wisconsin

Project: DOR19-012-22
Parcel No: 2811085040601C

0 400 800 1,600
Feet

N
W E
S

Legend

Site Boundary

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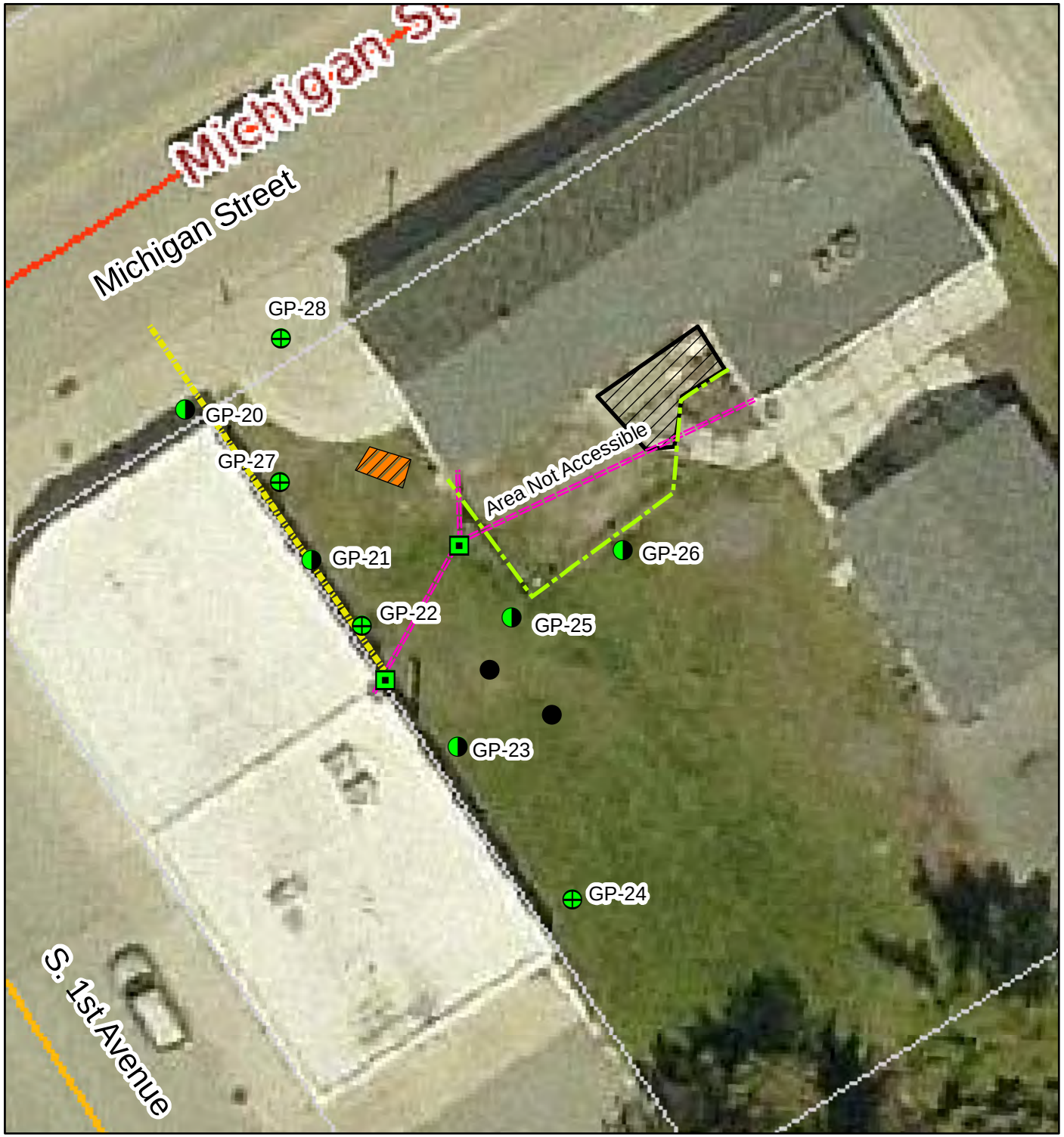

Figure 4 - Soil Boring Map Sturgeon Bay Launderers and Cleaners (Former)

2019 Data

0 10 20 40

Feet

N

W E

S

Legend

- Fence Location
- Overhead Wire
- Underground Telephone Line
- Deck
- Former Location of Gasoline UST
- Geoprobe
- Power Pole
- Temporary Groundwater Well
- Proposed Boring

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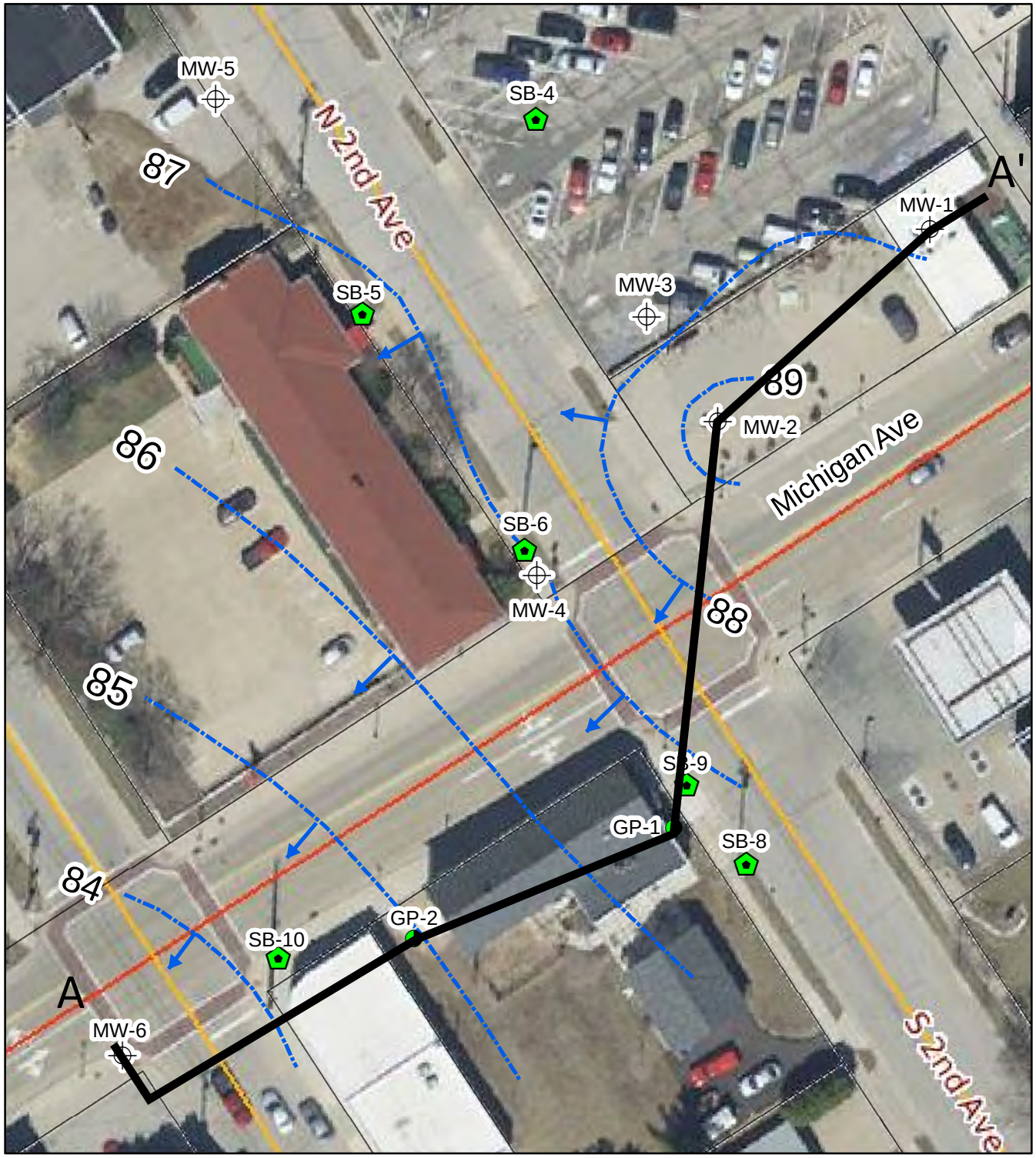

Figure 5 - Cross-Section Location Sturgeon Bay Launderers and Cleaners (Former)

0 25 50 100
Feet

N
W E
S

Legend

- Groundwater Contour Line
- Monitoring Well
- Temporary Groundwater Well
- Soil Boring

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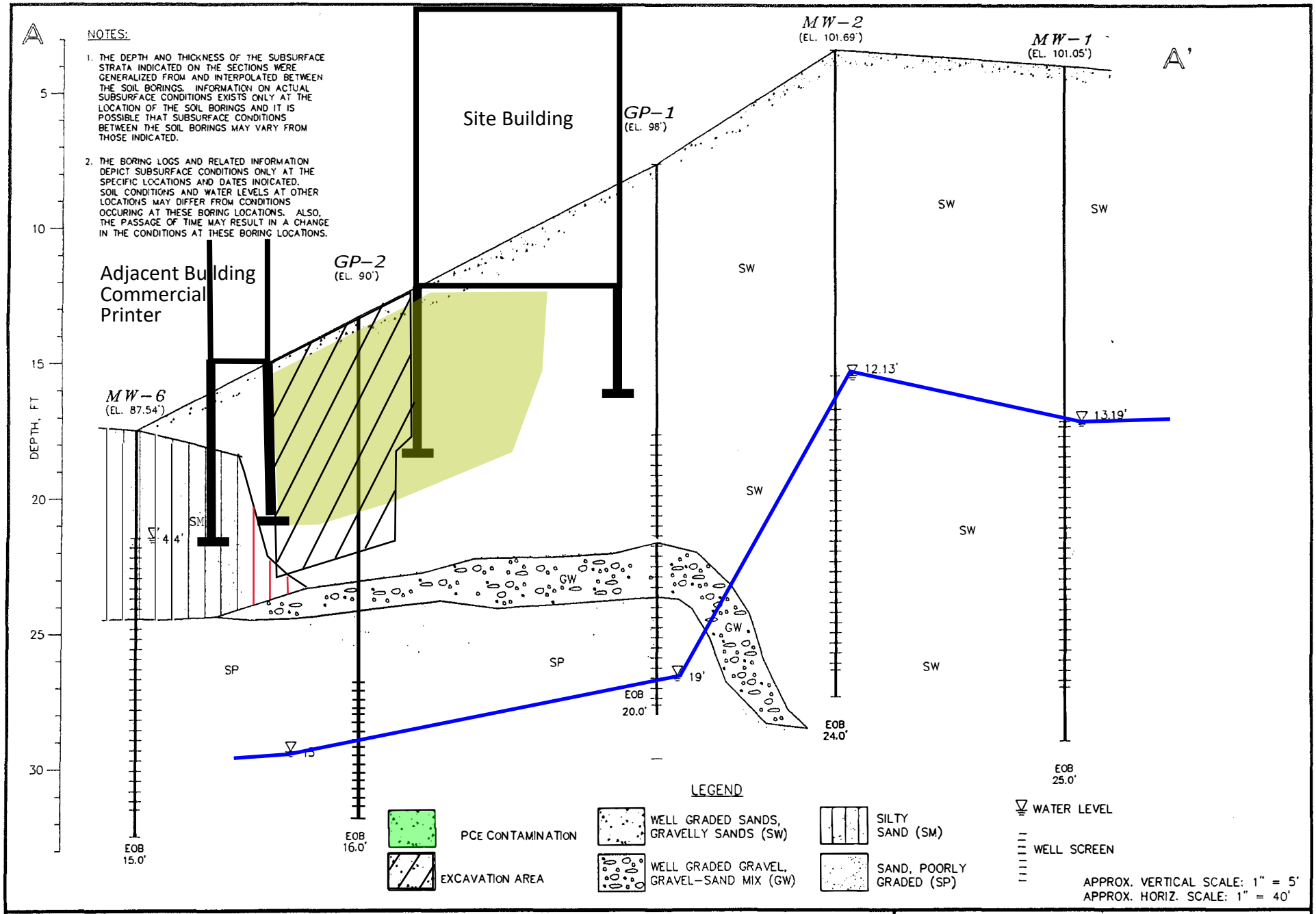

GENERALIZED CROSS SECTION A - A'

STURGEON BAY LAUNDERERS AND CLEANERS
7 2ND AVENUE SOUTH
STURGEON BAY, WISCONSIN

FIGURE 6

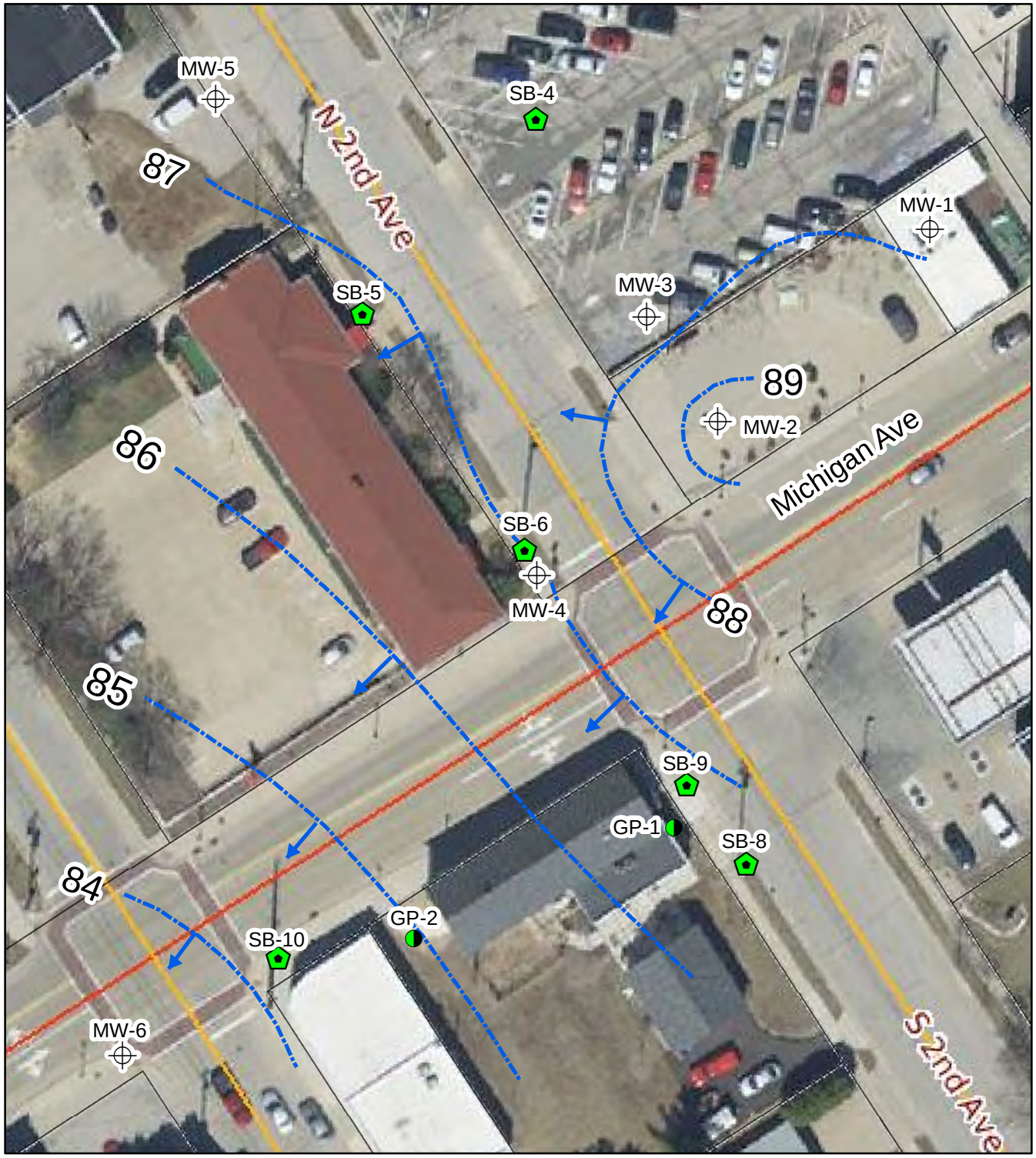

Fig 7 - Groundwater Contour Map Sturgeon Bay Launderers and Cleaners (Former)

0 25 50 100
Feet

N
W E
S

Legend

- Groundwater Contour Line
- Monitoring Well
- Temporary Groundwater Well
- Soil Boring

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Fig 8 -Pre Remedial Map
Sturgeon Bay
Launderers and Cleaners

0 5 10 20
Feet

N
W E
S

Legend

- Test Pit
- Geoprobe
- Power Pole
- Temporary Groundwater Well
- Fence Location
- Overhead Wire
- Underground Telephone Line
- Soil Contamination Exceeding GW RCL's

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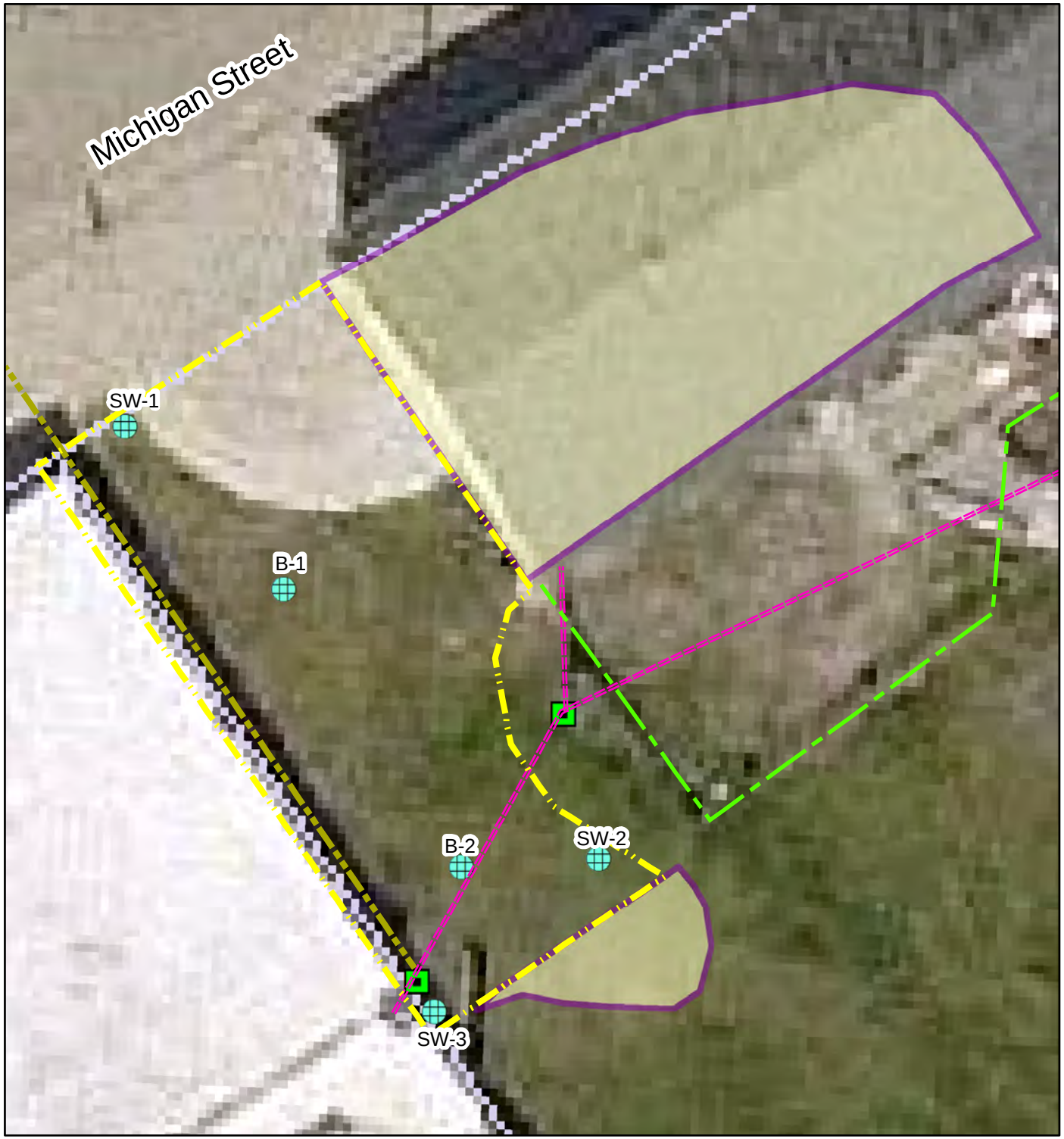
Fig 8A -Post Remedial Map Sturgeon Bay Launderers and Cleaners



0 5 10 20
Feet

N
W E
S

Legend

- Power Pole
- Excavation Closure Samples
- Fence Location
- Overhead Wire
- Underground Telephone Line
- Excavation Limits
- Soil Contamination Exceeding GW RCLs

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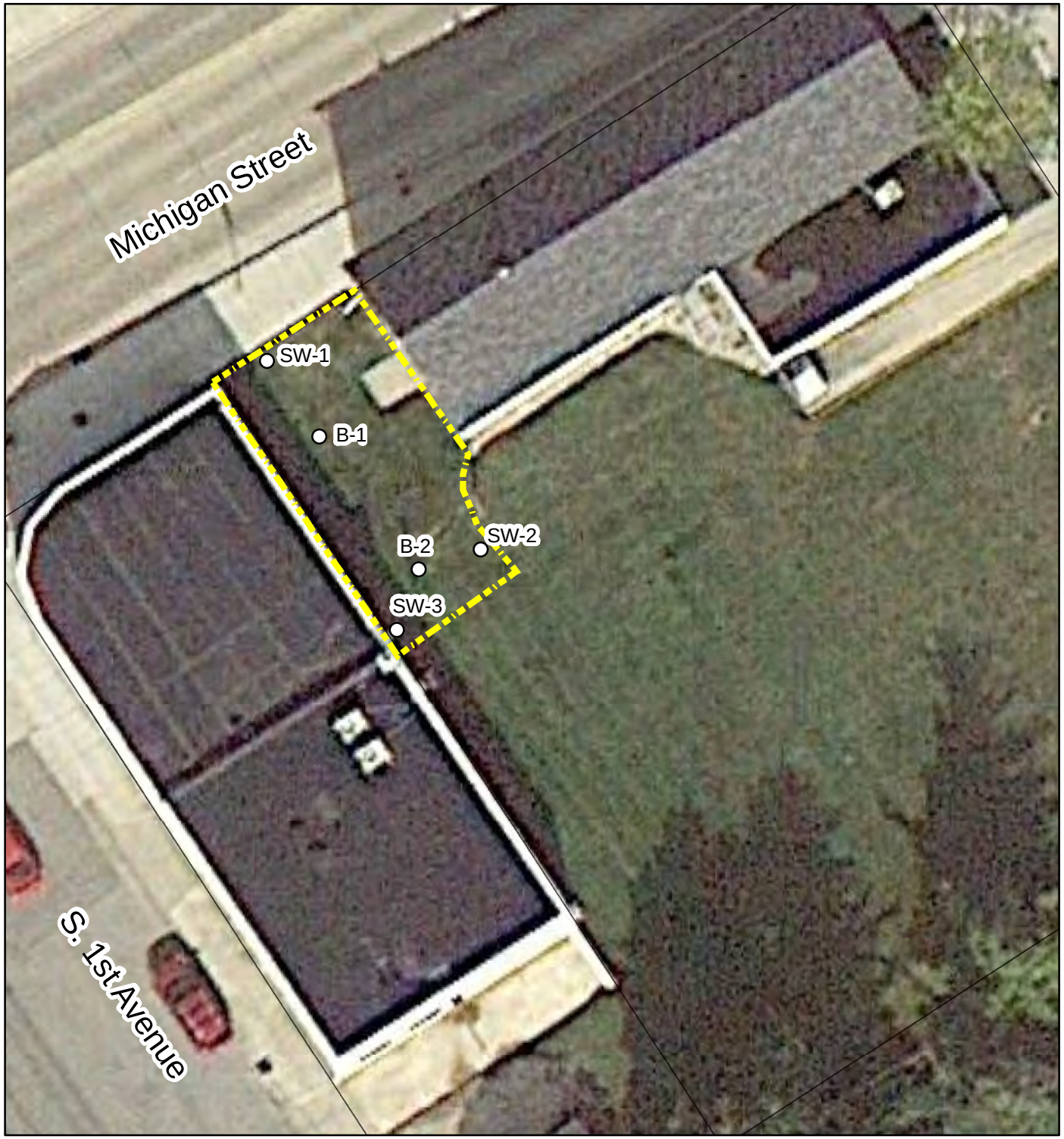

Figure 9 - Excavation Map Sturgeon Bay Launderers and Cleaners

0 10 20 40
Feet

N
W E
S

Legend

Excavation Limits

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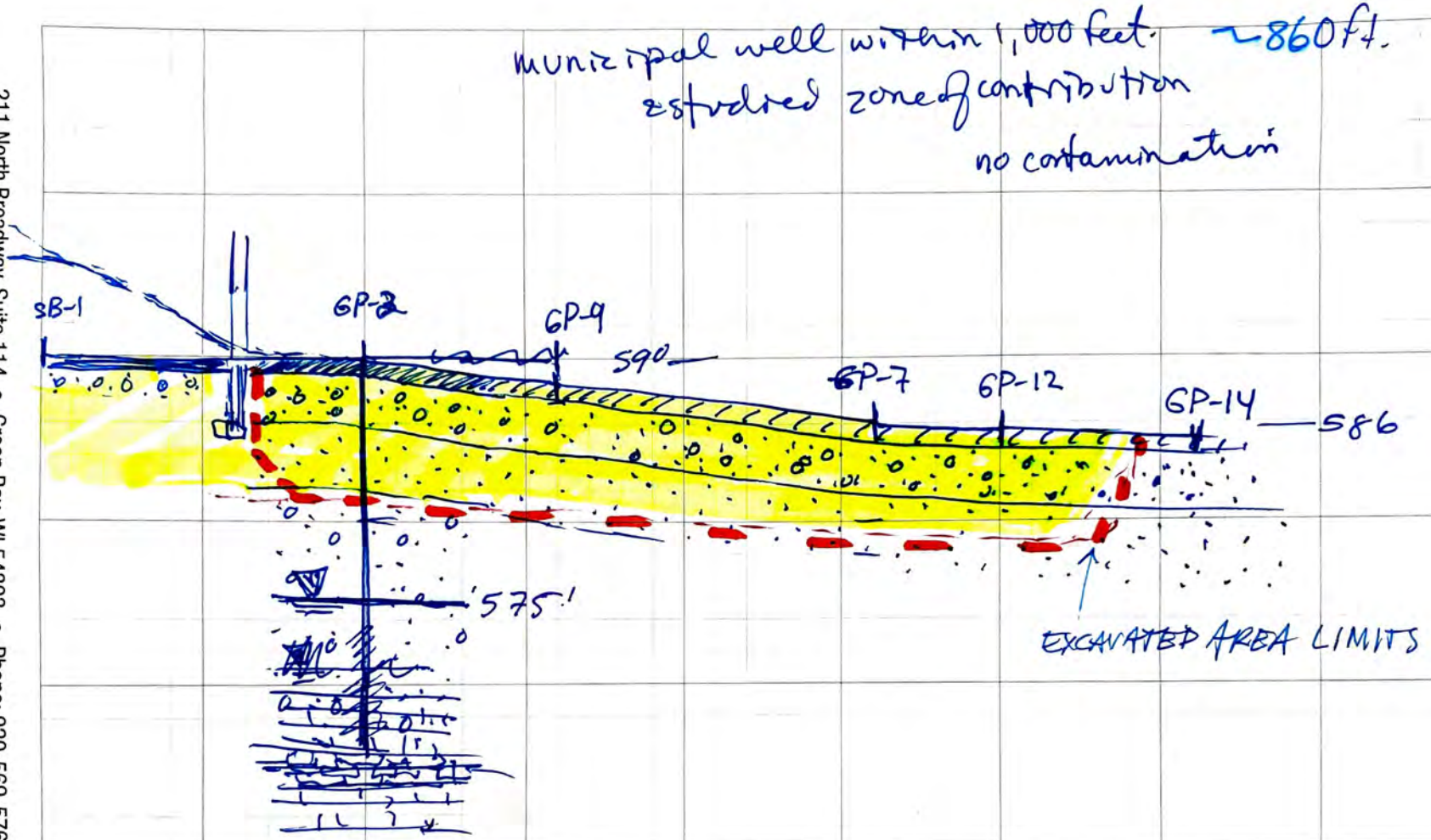
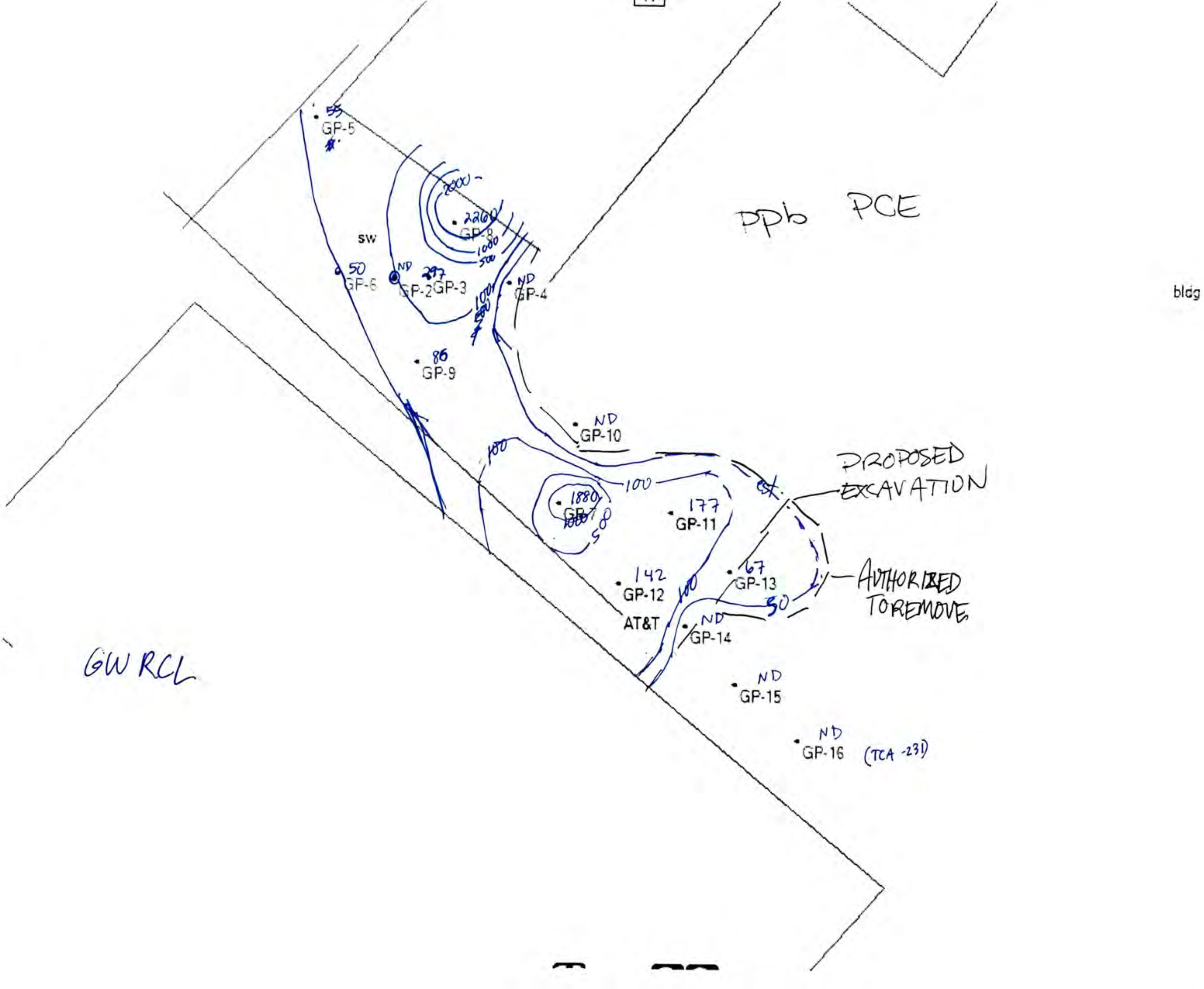



ppb PCE
bldg
GP-5
55
2000
2260
GP-8
1000
500
sw
50
GP-6
ND
GP-2
297
GP-3
ND
GP-4
86
GP-9
ND
GP-10
100
1880
GP-7
177
GP-11
142
GP-12
AT&T
67
GP-13
50
ND
GP-14
ND
GP-15
ND
GP-16
(TCA -231)
PROPOSED EXCAVATION
AUTHORIZED TO REMOVE
GW RCL

TABLES

SIR Soil Summary Table 1 of 3:

BRRTS #: ***02-15-576022***
SITE NAME: ***Sturgeon Bay Launderers and Cleaners (Former)***
SITE ADDRESS: ***Sturgeon Bay, WI***

BORING #	**GP-1**	**GP-3**	**GP-4**	**GP-5**	**GP-6**	**GP-7**	**GP-8**	**GP-9**	...		
DEPTH to Water Table (ft BGS)	19	16	16	16	16	16	16	16			
Date Collected	**8/4/15**	**8/4/15**	**8/20/15**	**8/20/15**	**8/20/15**	**8/20/15**	**8/26/15**	**8/26/15**			
DEPTH (ft BGS)	18 - 20	1.5 - 2.5	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	**Soil RCLs (mg/kg)**		
SOIL TYPE / Description	sand	sand	sand	sand	sand	sand	sand	sand	**Calculated 12/2017**		Lab
	Soil Concentrations in mg/kg (or ppm)								**Non-Industrial Direct Contact**	**Soil to GW**	Detection Limit (mg/kg)
Benzene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	1.6	0.0051	0.025
Ethylbenzene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	8.02	1.57	0.025
Toluene	< 0.025	0.056	< 0.025	< 0.025	0.038	< 0.025	0.083	0.06	818.	1.107	0.025
Xylene	<0.075	0.124	<0.075	<0.075	0.03	<0.075	0.221	0.143	260.	3.96	0.075
Methylene Chloride	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	*0.052*	*0.035*	61.8	0.0026	0.025
TCE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	1.3	0.0036	0.025
PCE	< 0.025	*0.297*	< 0.025	*0.055*	*0.0496*	*1.88*	*2.26*	*0.086*	33.	0.0045	0.025
Vinyl Chloride	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.067	0.0001	0.025
Trichloroethane, 1,1,1-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	640.	0.0032	0.025
Naphthalene	<0.040	0.077	<0.040	<0.040	<0.040	<0.040	0.189	0.101	5.52	0.6582	0.04

BORING #	**GP-10**	**GP-11**	**GP-12**	**GP-13**	**GP-14**	**GP-15**	**GP-16**	**GP-17**	...		
DEPTH to Water Table (ft BGS)	19	16	16	16	16	16	16	16			
Date Collected	**8/26/15**	**8/26/15**	**8/26/15**	**8/26/15**	**8/26/15**	**8/26/15**	**9/4/15**	**9/4/15**			
DEPTH (ft BGS)	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 3	0- 3	**Soil RCLs (mg/kg)**		
SOIL TYPE / Description	sand	sand	sand	sand	sand	sand	sand	sand	**Calculated 12/2017**		Lab
	Soil Concentrations in mg/kg (or ppm)								**Non-Industrial Direct Contact**	**Soil to GW**	Detection Limit (mg/kg)
Benzene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	1.6	0.0051	0.025
Ethylbenzene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	8.02	1.57	0.025
Toluene	< 0.025	0.046	< 0.025	0.045	< 0.025	< 0.025	< 0.025	< 0.025	818.	1.107	0.025
Xylene	<0.075	0.037	<0.075	0.109	<0.075	<0.075	<0.075	<0.075	260.	3.96	0.075
Methylene Chloride	*0.047*	*0.038*	*0.037*	*0.049*	*0.061*	*0.041*	< 0.025	< 0.025	61.8	0.0026	0.025
TCE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	1.3	0.0036	0.025
PCE	< 0.025	*0.177*	*0.142*	*0.067*	< 0.025	< 0.025	< 0.025	< 0.025	33.	0.0045	0.025
Vinyl Chloride	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.067	0.0001	0.025
Trichloroethane, 1,1,1-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	640.	0.0032	0.025
Naphthalene	<0.040	0.06	<0.040	0.066	<0.040	<0.040	<0.040	<0.040	5.52	0.6582	0.04

BORING #	**GP-18**	**GP-19**	**TP-1**	**TP-1**	**TP-2**	**TP-2**	**TP-3**	**TP-3**	...		
DEPTH to Water Table (ft BGS)	16	16	16	16	16	16	16	16			
Date Collected	**9/4/15**	**9/4/15**	**9/10/15**	**9/10/15**	**9/10/15**	**9/10/15**	**9/10/15**	**9/10/15**			
DEPTH (ft BGS)	0 - 3	0 - 3	4 - 6	6 - 8	4 - 6	6 - 8	4 - 6	6 - 8	**Soil RCLs (mg/kg)**		
SOIL TYPE / Description	sand	sand	sand	sand	sand	sand	sand	sand	**Calculated 12/2017**		Lab
	Soil Concentrations in mg/kg (or ppm)								**Non-Industrial Direct Contact**	**Soil to GW**	Detection Limit (mg/kg)
Benzene	0.217	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	1.6	0.0051	0.025
Ethylbenzene	0.234	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	8.02	1.57	0.025
Toluene	1.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	818.	1.107	0.025
Xylene	2.297	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	260.	3.96	0.075
Methylene Chloride	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	61.8	0.0026	0.025
TCE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	1.3	0.0036	0.025
PCE	0.126	< 0.025	< 0.025	< 0.025	*0.047*	< 0.025	*0.544*	< 0.025	33.	0.0045	0.025
Vinyl Chloride	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.067	0.0001	0.025
Trichloroethane, 1,1,1-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	640.	0.0032	0.025
Naphthalene	1.05	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	5.52	0.6582	0.04

SIR Soil Summary Table 2 of 3:

BRRTS #: ***02-15-576022***
SITE NAME: ***Sturgeon Bay Launderers and Cleaners (Former)***
SITE ADDRESS: ***Sturgeon Bay, WI***

BORING #	**TP-4**	**TP-4**	**SB-1**	**SB-2**					...		
DEPTH to Water Table (ft BGS)	16	16	16	16							
Date Collected	**9/10/15**	**9/10/15**	**9/10/15**	**9/10/15**							
DEPTH (ft BGS)	0 - 2	4 - 6	0 - 2	0 - 2					**Soil RCLs (mg/kg)**		
SOIL TYPE / Description	sand	sand	sand	sand					**Calculated 12/2017**		Lab
	Soil Concentrations in mg/kg (or ppm)								**Non-Industrial Direct Contact**	**Soil to GW**	Detection Limit (mg/kg)
Benzene	< 0.025	< 0.025	< 0.025	< 0.025					1.6	0.0051	0.025
Ethylbenzene	< 0.025	< 0.025	< 0.025	< 0.025					8.02	1.57	0.025
Toluene	< 0.025	< 0.025	< 0.025	< 0.025					818.	1.107	0.025
Xylene	<0.075	<0.075	<0.075	<0.075					260.	3.96	0.075
Methylene Chloride	< 0.025	< 0.025	< 0.025	< 0.025					61.8	0.0026	0.025
TCE	< 0.025	< 0.025	< 0.025	< 0.025					1.3	0.0036	0.025
PCE	< 0.025	< 0.025	*0.178*	*3.03*					33.	0.0045	0.025
Vinyl Chloride	< 0.025	< 0.025	< 0.025	< 0.025					0.067	0.0001	0.025
Trichloroethane, 1,1,1-	< 0.025	< 0.025	< 0.025	< 0.025					640.	0.0032	0.025
Naphthalene	<0.040	<0.040	<0.040	<0.040					5.52	0.6582	0.04

BORING #	**SW-1**	**SW-2**	**SW-3**	**B-1**	**B-2**				...		
DEPTH to Water Table (ft BGS)	16	16	16	16	16						
Date Collected	**10/27/15**	**10/28/15**	**10/28/15**	**10/27/15**	**10/28/15**						
DEPTH (ft BGS)	4 - 5	4 - 5	4 - 5	4 - 5	6 - 7				**Soil RCLs (mg/kg)**		
SOIL TYPE / Description	sand	sand	sand	sand	sand				**Calculated 12/2017**		Lab
EXCAVATION CLOSURE SAMPLES	Soil Concentrations in mg/kg (or ppm)								**Non-Industrial Direct Contact**	**Soil to GW**	Detection Limit (mg/kg)
Benzene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025				1.6	0.0051	0.025
Ethylbenzene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025				8.02	1.57	0.025
Toluene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025				818.	1.107	0.025
Xylene	<0.075	<0.075	<0.075	<0.075	<0.075				260.	3.96	0.075
Methylene Chloride	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025				61.8	0.0026	0.025
TCE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025				1.3	0.0036	0.025
PCE	*0.046*	< 0.025	< 0.025	< 0.025	< 0.025				33.	0.0045	0.025
Vinyl Chloride	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025				0.067	0.0001	0.025
Trichloroethane, 1,1,1-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025				640.	0.0032	0.025
Naphthalene	<0.040	<0.040	<0.040	<0.040	<0.040				5.52	0.6582	0.04

SIR Soil Summary Table 3 of 3:

BRRTS #: ***02-15-576022***
SITE NAME: ***Sturgeon Bay Launderers and Cleaners (Former)***
SITE ADDRESS: ***Sturgeon Bay, WI***

BORING #	**GP-20, S-2**	**GP-20, S-3**	**GP-21, S-3**	**GP-22, S-3**	**GP-23, S-2**	**GP-23, S-3**	**GP-24, S-2**	**GP-25, S-3**	...		
DEPTH to Water Table (ft BGS)	9	9	9	---	9	9	---	11			
Date Collected	**6/6/19**	**6/6/19**	**6/6/19**	**6/6/19**	**6/6/19**	**6/6/19**	**6/6/19**	**6/6/19**			
DEPTH (ft BGS)	4 - 8	8 - 12	8 - 12	7 - 8	4 - 8	8 - 9	4 - 8	8 - 12	**Soil RCLs (mg/kg)**		
SOIL TYPE / Description	SL	rocky/sandy	LFS/SiL	LFS below backfill	LFS	LFS	LFS	LFS	**Calculated 12/2017**		Lab
	Soil Concentrations in mg/kg (or ppm)								**Non-Industrial Direct Contact**	**Soil to GW**	Detection Limit (mg/kg)
Benzene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	1.6	0.0051	0.025
Ethylbenzene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	8.02	1.57	0.025
Toluene	0.157	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	818.	1.107	0.025
Xylene	0.022	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	260.	3.96	0.075
Methylene Chloride	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	61.8	0.0026	0.025
TCE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	1.3	0.0036	0.025
PCE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	33.	0.0045	0.025
Vinyl Chloride	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.067	0.0001	0.025
Trichloroethane, 1,1,1-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	640.	0.0032	0.025
Naphthalene	0.091	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	5.52	0.6582	0.04

BORING #	**GP-26, S-3**	**GP-26, S-4**	**GP-27, S-2**	**GP-28, S-2**					...		
DEPTH to Water Table (ft BGS)	13	13	---	---							
Date Collected	**6/6/19**	**6/6/19**	**6/6/19**	**6/6/19**							
DEPTH (ft BGS)	8 - 12	12 - 16	7 - 8.5	4 - 8					**Soil RCLs (mg/kg)**		
SOIL TYPE / Description	LFS	LCS	LFS/Mucky LS below fill	LFS below backfill					**Calculated 12/2017**		Lab
	Soil Concentrations in mg/kg (or ppm)								**Non-Industrial Direct Contact**	**Soil to GW**	Detection Limit (mg/kg)
Benzene	< 0.025	< 0.025	< 0.025	< 0.025					1.6	0.0051	0.025
Ethylbenzene	< 0.025	< 0.025	< 0.025	< 0.025					8.02	1.57	0.025
Toluene	< 0.025	< 0.025	< 0.025	< 0.025					818.	1.107	0.025
Xylene	<0.075	<0.075	<0.075	<0.075					260.	3.96	0.075
Methylene Chloride	< 0.025	< 0.025	< 0.025	< 0.025					61.8	0.0026	0.025
TCE	< 0.025	< 0.025	< 0.025	< 0.025					1.3	0.0036	0.025
PCE	< 0.025	< 0.025	< 0.025	< 0.025					33.	0.0045	0.025
Vinyl Chloride	< 0.025	< 0.025	< 0.025	< 0.025					0.067	0.0001	0.025
Trichloroethane, 1,1,1-	< 0.025	< 0.025	< 0.025	< 0.025					640.	0.0032	0.025
Naphthalene	<0.040	<0.040	<0.040	<0.040					5.52	0.6582	0.04

BORING #									...		
DEPTH to Water Table (ft BGS)											
Date Collected											
DEPTH (ft BGS)									**Soil RCLs (mg/kg)**		
SOIL TYPE / Description									**Calculated 12/2017**		Lab
	Soil Concentrations in mg/kg (or ppm)								**Non-Industrial Direct Contact**	**Soil to GW**	Detection Limit (mg/kg)
Benzene									1.6	0.0051	0.025
Ethylbenzene									8.02	1.57	0.025
Toluene									818.	1.107	0.025
Xylene									260.	3.96	0.075
Methylene Chloride									61.8	0.0026	0.025
TCE									1.3	0.0036	0.025
PCE									33.	0.0045	0.025
Vinyl Chloride									0.067	0.0001	0.025
Trichloroethane, 1,1,1-									640.	0.0032	0.025
Naphthalene									5.52	0.6582	0.04

Groundwater Sample Laboratory Analytical Results
Site Name: ***Sturgeon Bay Launderers and Cleaners (Former)***
Site Address: ***Sturgeon Bay, WI***
BRRTS #: ***02-15-576022***

Analyte	GP-1	GP-2	GP-20	GP-21	GP-23	GP-25	GP-26	NR 140 ES	NR 140 PAL
Sample Date	8/4/2015	8/4/2015	6/6/2019	6/6/2019	6/6/2019	6/6/2019	6/6/2019		
Detected and Selected Volatile Organic Compounds (VOCs), ppb									
Benzene	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	**5**	*0.5*
n-Butylbenzene	<0.20	<0.20	<0.71	<0.71	<0.71	<0.71	<0.71	**NS**	*NS*
Ethylbenzene	<0.50	<0.50	<0.22	<0.22	<0.22	<0.22	<0.22	**700**	*140*
Cumene	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	**NS**	*NS*
p-Isopropyltoluene	<0.50	<0.50	<0.80	<0.80	<0.80	<0.80	<0.80	**NS**	*NS*
Methylene Chloride	<0.23	<0.23	<0.58	<0.58	<0.58	<0.58	<0.58	**5**	*1*
MTBE	<0.17	*0.28J*	<1.2	<1.2	<1.2	<1.2	<1.2	**60**	*12*
Naphthalene	<2.5	<2.5	<1.2	<1.2	<1.2	<1.2	<1.2	**100**	*10*
Tetrachloroethene	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	**5**	*1*
Toluene	<0.50	<0.50	<0.17	<0.17	<0.17	<0.17	<0.17	**800**	*160*
1,1,1-Trichloroethane	<0.50	<0.50	<0.27	<0.27	<0.27	<0.27	<0.27	**200**	*40*
Total TMBs	<0.50	<0.50	<1.71	<1.71	<1.71	<1.71	<1.71	**480**	*96*
Total Xylenes	<1.50	<1.50	<0.73	<0.73	<0.73	<0.73	<0.73	**400**	*2000*

PAL - Preventive Action Limit

ES - Enforcement Standard

NS - No NR 140 Standard Established

ppb - parts per billion

ppm- parts per million

NA- Not analyzed

NS- No standard

MTBE- Methyl-tert-butyl-ether

Vapor Intrusion Sampling
Sturgeon Bay Launderers and Cleaners (Former)
WI BRRTS No. 02-15-576022
December 7, 2016

ug/m3 Parameters	Ambient Air	Sub-Slab	Vapor Removal	RESIDENTIAL Indoor Air VAL	RESIDENTIAL SUB-Slab Vapor VRSL
Tetrachloroethylene (PCE)	0.70J	1370	13	42	1400
Trichloroethylene (TCE)	ND	1.2	ND	2.1	70
1,1- Dichloroethene	ND	ND	ND	210	7000
cis-1,2-Dichloroethene	ND	ND	ND	NS	NS
trans-1,2-Dichloroethene	ND	ND	ND	NS	NS
Vinyl Chloride	ND	ND	ND	1.7	57
Methylene Chloride	ND	5.8	ND	630	21000
Acetone	65.9	138	35	NS	NS
Benzene	0.57	8.1	0.41J	3.6	120
2-Butanone (MEK)	22	9	8.8	NS	NS
Carbon disulfide	ND	1.1	ND	NS	NS
Carbon tetrachloride	0.52J	ND	0.46J	4.7	160
Chloroform	ND	0.51J	ND	1.2	40
Chloromethane	1.3	ND	1.1	94	3100
Cyclohexane	0.74J	36	1.5	NS	NS
Dichlorodifluoromethane	1.6	23.8	1.7J	100	3300
1,4-Dichlorobenzene	ND	20.1	23.7	NS	NS
Ethanol	34.2	7.4	17.7	NS	NS
Ethyl acetate	ND	1.8	ND	NS	NS
Ethylbenzene	ND	9.8	3.5	11	370
4-Ethyltoluene	ND	4.5	4.7	NS	NS
n-Heptane	1.9	30.2	1.8J	NS	NS
Hexachloro-1,3-butadiene	ND	1.9J	ND	NS	NS
n-Hexane	3.5	32.6	1.9	NS	NS
2-Hexanone	7	ND	2.8J	NS	NS
Naphthalene	1.9J	19	17.5	0.83	28
2-Propanol	8.6	7.1	4.9	NS	NS
Propylene	ND	ND	5.3	NS	NS
Styrene	ND	2	2.4	NS	NS
Tetrahydrofuran	0.49J	ND	0.70J	NS	NS
Toluene	1.4	37	9.8	5200	170000
Trichlorofluoromethane	1.3J	1.5J	1.3J	NS	NS
1,1,2-Trichlorotrifluoroethane	0.55J	5.3	0.58J	NS	NS
1,2,4-Trimethylbenzene	ND	16.6	14.9	63	2100
1,3,5-Trimethylbenzene	ND	4.6	3.6	63	2100
Vinyl acetate	6.1	ND	1.5	NS	NS
m&p-Xylene	ND	30.4	18.1	100	3300
o-Xylene	ND	13.2	6.3	100	3300

ND - Not detected above laboratory method detection limit (MDL)
NS - No standard
J - Detection above laboratory MDL but below limit of quantitation

APPENDIX A

STANDARD METHODOLOGIES

Geoprobe Soil Sampling Methodologies

Standard Geoprobe sampling techniques (ASTM Standard D-1586-87) were utilized. The soil sampler was driven a distance of 48 inches to obtain a 48-inch core sample. Soil samples were examined and classified in general accordance with the United Soil Classification System (USCS) on the basis of grain size, color, texture, and plasticity and information was recorded on Soil Boring Logs (WDNR Form 4400-122). Head space analysis was also performed on a portion of each sample by placing a portion of the sample into a sealed container, allowing the container to equilibrate to approximately 70 ^{o}F, and then screening the sample with a Photoionization Detector (PID) or Organic Vapor Monitor (OVM).

In general, the sample interval exhibiting the highest PID or OVM value from each soil boring was submitted for laboratory analysis to identify the maximum concentration of soil impacts. In sample intervals exhibiting lower or non-detectable values, samples were submitted to delineate the boundaries of impacted soils. Samples collected from the bottom of the borehole and/or the groundwater interface zone may be submitted for laboratory analysis to identify the vertical extent of soil impacts.

Standard protocol for decontamination was used on all drilling equipment. This included steam cleaning or washing (with all Alconox soap solution and rinsed with clean tap water) down-hole equipment between borings.

Soil borings were abandoned with bentonite chips. Borehole Abandonment Forms (WDNR Form 3300-5B) are included with the appendices. If temporary monitoring wells were installed, construction details are presented in the report and/or Soil BoringLogs.

All auger spoil was placed in 55-gallon Department of Transportation (DOT) steel drums, labeled, sealed, and temporarily stored on-site pending disposal arrangements.

Soil Sampling Methodologies

Standard split-spoon sampling techniques (ASTM Standard D-1586-87) were utilized. The two-inch outside diameter split-spoon sampler was driven a distance of 24 inches below the lead auger by means of a 140 pound hammer free falling 30 inches. The standard penetration resistance (nominal value) was obtained by counting the number of hammer blows over the final 12 inches of sampler advancement. This value provides a quantitative, in-place relative density of granular soils. The value is quantitative only, since many factors can significantly affect the standard penetration value. Direct correlation of the results obtained by the field personnel using different drill rigs, drilling procedures, and hammer- rod-spoon assemblies should not be made.

Soil samples were examined and classified in general accordance with the United Soil Classification System (USCS) on the basis of grain size, color, texture, and plasticity and information was recorded on Soil Boring Logs (WDNR Form 4400-122). Head space analysis was also performed on a portion of each sample by placing a portion of the sample into a sealed container, allowing the container to equilibrate to approximately 70 ^{o}F, and then screening the sample with a Photoionization Detector (PID) or Organic Vapor Monitor (OVM).

In general, the sample interval exhibiting the highest PID or OVM value from each soil boring was submitted for laboratory analysis to identify the maximum concentration of soil impacts. In sample intervals exhibiting lower or non-detectable values, samples were submitted to delineate the boundaries of impacted soils. Samples collected from the bottom of the borehole and/or the groundwater interface zone may be submitted for laboratory analysis to identify the vertical extent of soil impacts.

Standard protocol for decontamination was used on all drilling equipment. This included steam cleaning all down-hole equipment between borings with special emphasis on split-spoon samplers. Between each boring, the split-spoon samplers were also sprayed with hexane and triple rinsed with deionized water. Between each sampling interval, the split-spoon samplers were washed in an Alconox soap solution and rinsed with cleantap water.

Soil borings not converted into monitoring wells were abandoned with bentonite chips. Borehole Abandonment Forms (WDNR Form 3300-5B) are included with the appendices.

All auger spoil was placed in 55-gallon Department of Transportation (DOT) steel drums, labeled, sealed, and temporarily stored on-site pending disposal arrangements.

Monitoring Well Installation Methodologies

Groundwater monitoring wells were constructed of two-inch inside diameter Schedule 40 PVC casing, coupled to 10- or 15-foot sections of 0.010 inch factory slotted PVC well screen. Casing and screen was field assembled from hermetically sealed packages to ensure well integrity. The wells were installed with the screened interval intersecting the water table to determine groundwater quality and provide groundwater flow direction information.

The wells were completed in accordance with Wisconsin Administrative Code, Chapter NR 141 (NR 141) "Groundwater Monitoring Well Requirements." The wells were constructed within the 4¼-inch I.D. hollow stem augers. The position of the filter pack, filter pack seal, annular space seal, and surface seal were confirmed by measuring with a weighted measuring tape. Monitoring Well Construction Diagrams (WDNR Form 4400-113A) were completed for each well.

Following the complete removal of the auger, a watertight locking flush-mount protective cover was cemented over the PVC well. In addition, an expandable watertight locking cap was placed inside the well casing and sealed. In areas were vehicular traffic is not present, above grade well protectors may be used and cemented in place.

Groundwater Sampling Methodologies

Each monitoring well was developed to remove fine sediment in the well and filter pack. Proper development minimized plugging of the well screen and ensured that groundwater entering the well was representative of on-site groundwater quality. The wells were developed in accordance with NR 141. Monitoring Well Development Forms (WDNR Form 4400-113B) and field sampling forms were completed for each well.

After well development, decontaminated Teflon bailers, new disposable bailers, or new tubing with a peristaltic pump were used to purge three well volumes from each monitoring well. Development and purge water was containerized in DOT approved 55-gallon drums and transported off site for proper disposal.

Following the purging of the wells, groundwater samples were collected using a Teflon bailer, new disposable bailer, or new tubing with a peristaltic pump. The groundwater samples were transferred from the bailer equipped with a bottom-emptying device into 40- milliliter glass vials for VOC analysis (or other laboratory-supplied containers for the requisite analytical parameters). The containers were placed in a cooler with ice, accompanied with a Chain-of-Custody document, and transported to an environmental laboratory for analysis.

All reusable equipment used during development, purging, and sampling of the wells was decontaminated using the following procedure: double Alconox soap wash, triple tap water rinse, and triple deionized water rinse. Additionally, new bailer rope was used for each monitoring well.

Trip and field blanks were included in the groundwater sampling program. The blanks are used as an indicator to determine if any contaminants have infiltrated the sample during transportation or during field procedures. Additionally, duplicate groundwater samples were collected to measure laboratory precision. The laboratory was not informed of the location/ source of the duplicate samples.

Water used for trip blanks was obtained from the laboratory and water used for field blanks was obtained from a deionized water filter system. Trip blanks were pre-filled by the laboratory and were kept with the sample containers in coolers during transportation. Field blank samples were poured through a decontaminated bailer into 40- milliliter vials at the last well of the day.

Static Water Methodologies

Static water levels were measured to determine the direction and gradient of groundwater flow, and to monitor seasonal variations of the water table. The data was collected using an electronic water level indicator (WLI) or interface probe (IP). The WLI measures depth to water, while the IP measures depth to water and determines if free produce is present on the phreatic surface (water table). Proper decontamination procedures, previously described, were adhered to.

The monitoring well top of casing elevations were professionally surveyed to vertical accuracy of $\pm$ 0.01 feet, and a horizontal accuracy of at least 1.0 feet. Elevations were referenced to a USGS Datum Mean Sea Level (MSL). Depths to groundwater measurements were referenced to the surveyed well casing elevations to determine groundwater flow directions, gradients, and seasonal fluctuations.

APPENDIX B

SOIL BORING LOGS

BOREHOLE ABANDONMENT FORMS

MONITORING WELL CONSTRUCTION FORMS

MONITORING WELL DEVELOPMENT

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 _____ of _____

Facility/Project Name: 7 South 2nd Ave	License/Permit/Monitoring Number	Boring Number: GP-1
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Darrin Last Name: Prentice — Firm: Geiss Soil & Sample	Date Drilling Started: 08/04/2015	Date Drilling Completed: 08/04/2015 — Drilling Method: Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name
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	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____		
Facility ID: 7 South 2nd Avenue	County: Door	County Code: 15 — Civil Town/City/ or Village: City of Sturgeon Bay

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			0 1	6" Topsoil br Sand + gravel	TO Sg									odor NO
S-2	12		2 3	11 11	Sg									
S-3	12		4 5	lt br Sand-m	S									
S-4	12		6 7	11 11	S									
S-5	24		8 9	Sand + gravel mix	Sg									
S-6	24		10 11		Sg									
S-7	24		12 13		Sg									
S-8	20		14 15		Sg									
S-9	12		16 17		Sg									
S-10	12		18 19	EOB @ 20'	Sg			Temporary boring set	▽ @ 19'			VOCs		

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

Signature _____ Firm: Mach IV Engineering and Surveying

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: Phase II ESA

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Door	— — — — —	

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

— — ° — — . — — — 'N
— — ° — — . — — — 'W

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

Well Street Address: 7 South 2nd Avenue

Well City, Village or Town	Well ZIP Code
City of Sturgeon Bay	54235
Subdivision Name	Lot #

Reason For Removal From Service: Temporary

WI Unique Well # of Replacement Well: — — — — —

2. Facility / Owner Information

Facility Name: 7 South 2nd Avenue

Facility ID (FID or PWS):

License/Permit/Monitoring #: GP- |

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 08/04/2015

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
20'	2in
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)
	19'

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ 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:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8 inch chipped bentonite	Surface	20	0.8	100% Bentonite

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Chad M Fradette	892926	08/04/2015

Street or Route	Telephone Number
211 N Broadway Suite 114	(920) 569-5765

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54303	Chad M Fradette	8-12-15

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 _____ of _____

Facility/Project Name: 7 South 2nd Ave	**License/Permit/Monitoring Number**	**Boring Number**: GP- 2
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Darrin Last Name: Prentice Firm: Geiss Soil & Sample	**Date Drilling Started**: 08/04/2015 (m m / d d / y y y y)	**Date Drilling Completed**: 08/04/2015 (m m / d d / y y y y)
Drilling Method: Geoprobe		
WI Unique Well No.	**DNR Well ID No.**	**Well Name**
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 _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " Long ° ' "	**Local Grid Location** ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
Facility ID: 7 South 2nd Avenue	**County**: Door	**County Code**: 1 5
Civil Town/City/ or Village: City of Sturgeon Bay		

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	12		0 1	6" Topsoil br Sand & gravel	TO Sg									NO odor
S-2	12		2 3		Sg									
S-3	2		4 5		Sg									
S-4	4		6 7		Sg									
S-5	4		8 9		Sg									
S-6	4		10 11		Sg									
S-7	–		12 13	Rocks										
S-8	–		14 15	Rocks EOB @ 16'				▽ 15' Temp well set at 16'					GW NOL	

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

Signature _____ Firm: Mach IV Engineering and Surveying

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: Phase II ESA

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Door	— — — — —	

Lattitude / Longitude (Degrees and Minutes) — — ° — — . — — — 'N — — ° — — . — — — 'W

Method Code (see instructions) — — — — — —

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

Well Street Address: 7 South 2nd Avenue

Well City, Village or Town	Well ZIP Code
City of Sturgeon Bay	54235
Subdivision Name	Lot #

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

2. Facility / Owner Information

Facility Name: 7 South 2nd Avenue

Facility ID (FID or PWS):

License/Permit/Monitoring #: GP- 2

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 08/04/2015

If a Well Construction Report is available, please attach.

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

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
16'	2in
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)
	15'

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ 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:
☐ Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8 inch chipped bentonite	Surface	16	0.6	100% Bentonite

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Chad M Fradette	892926	08/04/2015

Street or Route	Telephone Number
211 N Broadway Suite 114	(920) 569-5765

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54303		8-12-15

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 _____ of _____

Facility/Project Name: 7 South 2nd Ave	License/Permit/Monitoring Number	Boring Number: GP-3
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Darrin Last Name: Prentice — Firm: Geiss Soil & Sample	Date Drilling Started: 08/04/2015	Date Drilling Completed: 08/04/2015 — Drilling Method: Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name
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	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____		
Facility ID: 7 South 2nd Avenue	County: Door	County Code: 15 — Civil Town/City/ or Village: City of Sturgeon Bay

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			0 1	Dry Topsoil/gravel Cement slab - broken	TOg									No odor
S-2			2 3	Rocks & topsoil Brick chunks and debris Fill Soils	TO Fl							VOC		↓
S-3				EOB @ 2.5'										
S-4														
S-5														
S-6														
S-7														
S-8														

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

Signature: [signature] Firm: Mach IV Engineering and Surveying

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: Phase II ESA

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Door	— — — — —	

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

Method Code (see instructions) — — — — — —

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

Well Street Address: 7 South 2nd Avenue

Well City, Village or Town: City of Sturgeon Bay

Well ZIP Code: 54235

Subdivision Name:

Lot #:

Reason For Removal From Service:

WI Unique Well # of Replacement Well: — — — — —

2. Facility / Owner Information

Facility Name: 7 South 2nd Avenue

Facility ID (FID or PWS):

License/Permit/Monitoring #: GP- 3

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 08/04/2015

If a Well Construction Report is available, please attach.

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

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.): 2.5

Casing Diameter (in.): 2in

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

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

Sealing Materials: ☐ Neat Cement Grout ☐ 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: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	2.5	0.2	100% Bentonite

3/8 inch chipped bentonite

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Chad M Fradette	892926	08/04/2015

Street or Route: 211 N Broadway Suite 114

Telephone Number: (920) 569-5765

City: Green Bay | State: WI | ZIP Code: 54303

Signature of Person Doing Work: Chad M Fradette

Date Signed: 8-12-15

DNR Use Only

Date Received | Noted By

Comments

Location 7 S. 2nd Ave Sturgeon Bay Date 8-4-15

Project / Client Baylake Bank

on-site 0830

debris in way

0900 - Geiss on site

rec	sample	depth	description	PID	odor	lab
GP-1	S-1	0-2	6" topsoil br sand gravel		N	
12	S-2	2-4	" " "	0.0	N	
12	S-3	4-6	14 br sand-m	0.0	N	
12	S-4	6-8	" "	0.0	N	
24	S-5	8-10	sand gravel mix	0.0	N	
24	S-6	10-12	" "	0.0	N	
24	S-7	12-14	" "	0.0	N	
20	S-8	14-16	" "	0.0	N	
12	S-9	16-18	" "	0.0	N	
12	S-10	18-20	▽@19' hp " "	0.0	N	VOCs 0930

EOB at 20'

temp boring placed to collect gw.

GP-1 sampled @ 0945

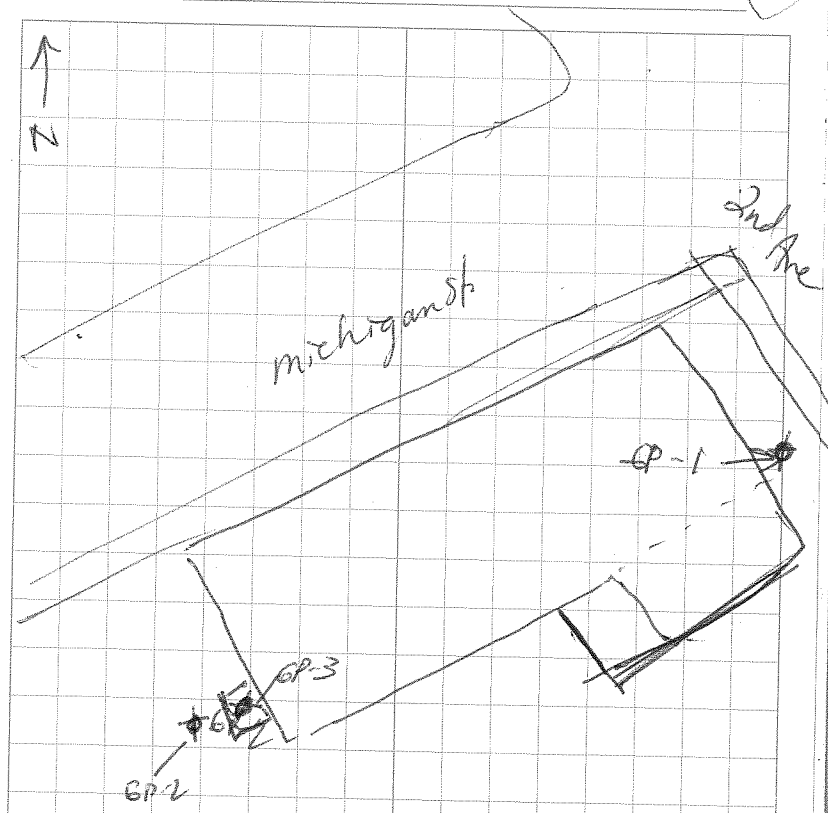
920-493-2912

Allen Walker expedite samples

woodwalker@dcwis.com

Location 7 S. 2nd Ave Date 8-4-15

Project / Client Sturgeon Bay WI



GP-3 location of old tank.

can't get drill rig to exact location due to debris and wood pile, utility pole, etc.

Location 7 S. 2nd Ave Date 8-4-15

Project / Client Sturgeon Bay w/

rec	sample	depth	description	PID	Odor	lab
GP-2						
12	S-1	0-2	6" topsoil br sand & gravel	0.0	N	
12	S-2	2-4	" " "	0.0	N	
2	S-3	4-6	br sand & gravel	0.0	N	
4	S-4	6-8	" "	0.0	N	
4	S-5	8-10	" "	0.0	N	
4	S-6	10-12	" "	0.0	N	
-	S-7	12-14	rocks	-	-	
-	S-8	14-16	rocks	-	-	

temp well set @ 16' bgs.

no soil sample ~~@ 15' bgs~~

GW sample @ 10:35

GP-3 hand auger — can't get machine there due to obstructions.

S-1 0-1 clay! topsoil / gravel

1-1.5 cement slab broken.

S-2 1.5-2.5 rocks & topsoil 1030

brick chunks and debris

fill soils 0.0 N VOCs

GP-3, S-2

Location

Project / Client

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 _____ of _____

Facility/Project Name: 7 S. 2nd Ave	License/Permit/Monitoring Number:	Boring Number: GP-20.
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Darrin Last Name: Prentice — Firm: Cates Soil & Sample	Date Drilling Started: 6/6/2019	Date Drilling Completed: 6/6/2019 — Drilling Method: Geoprobe
WI Unique Well No.: _____	DNR Well ID No.: _____	Well Name: _____ — 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 — Lat ° ' " — Long ° ' "		Local Grid Location: ☐ N ☐ E — _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____		
Facility ID: 7 S. 2nd	County: Door	County Code: 15 — Civil Town/City/or Village: Sturgeon Bay

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	elev. 474.6 LFS.	LFS			1.5						GW sample
			4	SL	SL			0.1						soil sample
S-2			6											
			8	10YR 5/2 SIL ▽9'	SIL			0.1						soil sample
S-3			10	rocky & sandy										
			12	10YR 5/2 SIL				0.1						
S-4			14											
			16	end of boring										

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

Signature: _____ Firm: Evergreen Consultants

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 Report

Form 3300-005 (R 4/2015)

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

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Door		

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

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

Well Street Address: 7 S. 2nd Ave

Well City, Village or Town: Sturgeon Bay | Well ZIP Code: 54235

Subdivision Name | Lot #

Reason for Removal from Service: Temp well | WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: 7 S. 2nd Ave

Facility ID (FID or PWS)

License/Permit/Monitoring #: GP-20

Original Well Owner

Present Well Owner

Mailing Address of Present Owner

City of Present Owner | State | ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/6/19

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
16 ft	2
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): 9'

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

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

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

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

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" chipped bent.	Surface	16	0.7	10%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Chad M Fradette	892926	6/6/19

Street or Route	Telephone Number
2918 Van Hoof Rd.	(920) 615 0019

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54313	Chad M. Fradette	6-6-19

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 _____ of _____

Facility/Project Name: 7. S. 2nd Ave	License/Permit/Monitoring Number	Boring Number: GP-21	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Darrin Last Name: Prentice — Firm: Geo Soil Samples	Date Drilling Started: 10/06/99	Date Drilling Completed: 10/06/99	Drilling Method: Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	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	Lat ° ' "	Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____			
Facility ID: 7. S. 2nd Ave	County: Door	County Code: 15	Civil Town/City/or Village: Sturgeon Bay.

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
				elev 474.6										GW sample
S-1			2	LFS backfill from excavation		LFS		0.1						
			4											
				LFS backfill from excavation ↓		FI		0.7						
S-2			6			FI								
			8	LFS. ▽ 9ft		LFS		0.1						SO.7 sample
S-3			10	SIL 10YR 5/2		SIL								
			12	end of boring										

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

Signature: Rad M Trent Firm: Evergreen Consultants

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 Report

Form 3300-005 (R 4/2015)

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

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Door		

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

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

Well Street Address: 7 S. 2nd Ave
Well City, Village or Town: Sturgeon Bay
Well ZIP Code: 54235
Subdivision Name:
Lot #:
Reason for Removal from Service: Temp Well
WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: 7. S. 2nd Ave
Facility ID (FID or PWS):
License/Permit/Monitoring #: EP-21
Original Well Owner:
Present Well Owner:
Mailing Address of Present Owner:
City of Present Owner | State | ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/6/19
If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12 ft	2
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): 9'

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

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

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

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

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" chipped bentonite	Surface	12	0.6	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Chad M Fradette	892926	6/6/19

Street or Route: 2918 Van Hoof Rd
Telephone Number: 9202615 0019
City: Sturgeon Bay | State: WI | ZIP Code: 54235
Signature of Person Doing Work:
Date Signed: 6/6/19

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 _____ of _____

Facility/Project Name: 7 S. 2nd Ave.	License/Permit/Monitoring Number:	Boring Number: GP-22
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Darrin Last Name: Prentice — Firm: Geiss Soil & Samples	Date Drilling Started: 6/6/19	Date Drilling Completed: 6/6/19 — Drilling Method: Geoprobe
WI Unique Well No. _ _ _ _ _ _ — DNR Well ID No. _ _ _ _ — Well Name:	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 — _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E — _____ Feet ☐ S _____ Feet ☐ W
Facility ID: 7 S. 2nd Ave	County: Door	County Code: 15 — Civil Town/City/or Village: Sturgeon Bay

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
				elev 774.10										
S-1			2	LFS backfill from excavation	FI									
			4	to 7ft bge	FI			0.1						
S-2			6		FI			0.1						
			7		FI			0.1						
S-3			8	LFS native	LFS			0.1						soil sample
				end of boring										

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

Signature: [signature] Firm: Evergreen Consultants

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

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

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

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

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

Well Street Address: 7 S. 2nd Ave

Well City, Village or Town: Sturgeon Bay | Well ZIP Code: 54235

Subdivision Name | Lot #

Reason for Removal from Service: Temp well | WI Unique Well # of Replacement Well: _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: 7 S. 2nd Ave

Facility ID (FID or PWS)

License/Permit/Monitoring #: GP-22

Original Well Owner

Present Well Owner

Mailing Address of Present Owner

City of Present Owner | State | ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/6/19

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
8	N/A
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	☑ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☐ Yes	☐ No	☒ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☒ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☒ No	☐ N/A

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

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

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" chipped Bentonite	Surface	8	0.4	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Chad McFadette	892926	6/6/19

Street or Route	Telephone Number
2918 Van Hoof Rd.	920 615 0019

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54313	Chad McFadette	6-6-19

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 _____ of _____

Facility/Project Name: 7. So 2nd Ave	License/Permit/Monitoring Number	Boring Number: GP-23
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Darrin Last Name: Prentice — Firm: Geiss Soil Samples	Date Drilling Started: 6/6/19	Date Drilling Completed: 6/6/19 — Drilling Method: Geoprobe
WI Unique Well No. _____	DNR Well ID No. _____	Well Name _____
Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL	Borehole Diameter _____ inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E	Lat ° ' " — Long ° ' "	Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____		
Facility ID: 7. S. 2nd Ave	County: Door	County Code: 15 — Civil Town/City or Village: Sturgeon Bay.

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	LFS elev. 474.2	LFS			0.1						gw sample
S-2			8	LFS	LFS			0.1						Soil sample
			9	LFS gft ▽	LFS			0.1						Soil sample.
S-3			12	silty clay loam	SCL			0.1						~~Soil sample~~

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

Signature: [signature] Firm: Evergreen Consultants

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

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Door		

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

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

Well Street Address: 7 S. 2nd Ave

Well City, Village or Town	Well ZIP Code
Sturgeon Bay	54235

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Temp well	

2. Facility / Owner Information

Facility Name: 7. S, 2nd Ave

Facility ID (FID or PWS):

License/Permit/Monitoring #: GP-23

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/6/19

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

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

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

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

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

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

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

5. Material Used to Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" chipped bentonite	Surface	12	0.6	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Chad M Fradette	892926	6/6/19

Street or Route	Telephone Number
2918 Van Hoof Rd.	(920)615-0019

City	State	ZIP Code
Green Bay	WI	54313

Signature of Person Doing Work: Chad M Fradette

Date Signed: 6-6-19

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 _____ of _____

Facility/Project Name: 7 S. 2nd Ave	License/Permit/Monitoring Number	Boring Number: GP-24
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Darrin Last Name: Prentice; Firm: Geiss Soil & Samples	Date Drilling Started: 6/6/19	Date Drilling Completed: 6/6/19 — Drilling Method: Geoprobe
WI Unique Well No. _ _ _ _ _ _ — DNR Well ID No. _ _ _ — Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL — Borehole Diameter _____ inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E; _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " — Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S — _____ Feet ☐ E ☐ W
Facility ID: 7 S. 2nd Ave	County: Door	County Code: 15 — Civil Town/City/or Village: Sturgeon Bay

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
				elev. 474.2.										
S-1			4	FSL	FSL			0.1						
S-2			8	LFS.	LFS			0.1						SOIL sample
				end of boring.										

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

Signature: [signature] Firm: Evergreen Consultants

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 Report

Form 3300-005 (R 4/2015)

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

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Door		

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

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

Well Street Address: 7 S. 2nd Ave

Well City, Village or Town	Well ZIP Code
Sturgeon Bay	54235
Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Temp well	

2. Facility / Owner Information

Facility Name: 7 S. 2nd Ave

Facility ID (FID or PWS):

License/Permit/Monitoring #: GP-24

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/6/19

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
8	
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)
	N/A

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

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

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

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

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" chipped bentonite	Surface	8	0.4	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Chad M Fradette	092926	6/6/19

Street or Route	Telephone Number
2918 Van Hoof Rd.	(920) 615-0019

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54313	Chad M Fradette	6-6-19

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 _____ of _____

Facility/Project Name: 7 S. 2nd Ave	License/Permit/Monitoring Number	Boring Number: GP-25
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Darrin Last Name: Prentice — Firm: Bero Soil & Samples,	Date Drilling Started: 6/6/19	Date Drilling Completed: 6/6/19 — Drilling Method: Geoprobe
WI Unique Well No. _____ — DNR Well ID No. _____ — Well Name	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 — _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " — Long ° ' "	Local Grid Location — ☐ N ☐ E — _____ Feet ☐ S _____ Feet ☐ W
Facility ID: 7 S. 2nd Ave	County: Door	County Code: 15 — Civil Town/City/or Village: Sturgeon Bay

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	elev. 477.10 FSL	FSL									gw sample
S-2			8	LFS	LFS									
S-3			12	FSL w/rocks. ▽ Hit.	FSL			0.2						soil sample
				end of boring.										

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

Signature: Chad M Fredette — Firm: Evergreen Consultants

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 Report

Form 3300-005 (R 4/2015)

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

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

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

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

N
W

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

Well Street Address: 2 S. 2nd Ave

Well City, Village or Town: Sturgeon Bay — Well ZIP Code: 54235

Subdivision Name — Lot #

Reason for Removal from Service: Temp well — WI Unique Well # of Replacement Well: _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: 2. S. 2nd Ave

Facility ID (FID or PWS)

License/Permit/Monitoring #: GP-25

Original Well Owner

Present Well Owner

Mailing Address of Present Owner

City of Present Owner — State — ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/6/19

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

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

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

If yes, to what depth (feet)? — Depth to Water (feet): 11 feet

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

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

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

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

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" chipped bentonite	Surface	12	0.7	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Chad M Fradette	892926	6/6/19

Street or Route	Telephone Number
2918 Van Hoof Rd.	920 615-0019

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54313	Chad M Fradette	6-6-19

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 _____ of _____

Facility/Project Name: 7 S. 2nd Ave	License/Permit/Monitoring Number:	Boring Number: GP-26
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Darin Last Name: Prentice — Firm: Cascade Soil & Samples	Date Drilling Started: 6/6/19 (mm dd yyyy)	Date Drilling Completed: 6/6/19 (mm dd yyyy) — Drilling Method: Geoprobe
WI Unique Well No. _ _ _ _ _ _ _	DNR Well ID No. _ _ _ _	Well Name:
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	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____		
Facility ID: 7 S. 2nd Ave	County: Door	County Code: 15 — Civil Town/City/ or Village: Sturgeon Bay

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	elevs 479.9 baomad 4735 FSL	FSL									gw sample
S-2			8	LFS	LFS									
S-3			12	LFS ▽ 13ft	LFS			0.2						soil sample
S-4			16	LCS Loamy coarse sand	LCS			0.1						soil sample
				end of boring										

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

Signature: [signature] Firm: Evergreen Consultants

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

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Door		

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

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

Well Street Address: 7 S. 2nd Ave

Well City, Village or Town	Well ZIP Code
Sturgeon Bay	54235

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Temp well	

2. Facility / Owner Information

Facility Name: 7 S. 2nd Ave

Facility ID (FID or PWS):

License/Permit/Monitoring #: GP-26

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

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

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)
	13

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

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

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

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

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

5. Material Used to Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" chipped bentonite			
Surface	16	0.7	10%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Chad M Fradette	892926	6/6/19

Street or Route	Telephone Number
2918 Van Hoof Rd	9206150019

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Green Bay	WI	54313	Chad M Fradette	6-6-19

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 _____ of _____

Facility/Project Name: 7 S. 2nd Ave	License/Permit/Monitoring Number:	Boring Number: EP-27
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Darrin Last Name: Prentice; Firm: Geo 307	Date Drilling Started: 6/6/19	Date Drilling Completed: 6/6/19 — Drilling Method: EP-27
WI Unique Well No.: _ _ _ _ _ _ _	DNR Well ID No.: _ _ _ _ _	Well Name:
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; _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
Facility ID: 7 S. 2nd Ave	County: DOOR	County Code: 15 — Civil Town/City/or Village: Sturgeon Bay

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
			4	LFS excavation backfill ↓	FI									
S-1			7		FI									
S-2			7.5	LFS	LFS			1.2						S07 Sample
			8.5	muddy loamy sand. end of borng.	LS									

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

Signature: Chad M. Frost Firm: Evergreen Consultants

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 Report

Form 3300-005 (R 4/2015)

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

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

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

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

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

Well Street Address: 7 S. 2nd Ave

Well City, Village or Town	Well ZIP Code
Sturgeon Bay	54235
Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Temp well	_ _ _ _ _ _

2. Facility / Owner Information

Facility Name: 7 S. 2nd Ave
Facility ID (FID or PWS):
License/Permit/Monitoring #: EP-27
Original Well Owner:
Present Well Owner:
Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/6/19.
If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
8.5	
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)
	n/A

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

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

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

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

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

5. Material Used to Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	8.5	0.4	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Chad M Fradette	892926	6/6/19

Street or Route	Telephone Number
2918 Van Hoof Rd.	(920) 615 0019

City	State	ZIP Code
Green Bay	WI	54313

Signature of Person Doing Work: Chad M Fradette
Date Signed: 6-6-19

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 _____ of _____

Facility/Project Name: 7 S. 2nd Ave	License/Permit/Monitoring Number:	Boring Number: GP-28	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Kurtis Last Name: Prentice; Firm:	Date Drilling Started: 6/6/19	Date Drilling Completed: 6/6/19	Drilling Method: geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	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; _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
Facility ID: 7 S. 2nd Ave	County: Door	County Code: 15	Civil Town/City or Village: Sturgeon Bay

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	LFS w/ gravel	LFS									
			4	Excavation backfill	LFS									
				LFS	LFS			0.1						↑
S-2			6	LFS	LFS									SOIL sample
			8											↓
				end of boring.										

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

Signature: Chad M Jaeckel Firm: Evergreen Consultants

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 Report

Form 3300-005 (R 4/2015)

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

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

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

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

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

Well Street Address: 7 S. 2nd Ave

Well City, Village or Town: Sturgeon Bay | Well ZIP Code: 54235

Subdivision Name | Lot #

Reason for Removal from Service: Temp boring. | WI Unique Well # of Replacement Well: _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: 7 S. 2nd Ave

Facility ID (FID or PWS)

License/Permit/Monitoring #: GP-28.

Original Well Owner

Present Well Owner

Mailing Address of Present Owner

City of Present Owner | State | ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6/6/19

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
8	
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	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☐ Yes	☐ No	☒ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☒ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☒ No	☐ N/A

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

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

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" chipped bentonite	Surface	8	0.4	100%

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Chad M Fradette	892926	6/6/19

Street or Route: 2918 Van Hoof Rd | Telephone Number: (920) 615 0019

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

Signature of Person Doing Work: Chad M Fradett | Date Signed: 6-6-19

DNR Use Only

Date Received	Noted By
Comments	

APPENDIX C

LABORATORY ANALYTICAL REPORTS

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

August 10, 2015

Chad Fradette
Mach IV Engineering & Surveying
211 N. Broadway
Suite 114
Green Bay, WI 54303

RE: Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Dear Chad Fradette:
Enclosed are the analytical results for sample(s) received by the laboratory on August 04, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

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
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40119123001	**GP-1, S-10**	Solid	08/04/15 09:30	08/04/15 12:25
40119123002	**GP-1**	Water	08/04/15 09:45	08/04/15 12:25
40119123003	**GP-2**	Water	08/04/15 10:35	08/04/15 12:25
40119123004	**GP-3, S-2**	Solid	08/04/15 10:30	08/04/15 12:25
40119123005	**GP-1, S-20**	Solid	08/04/15 00:00	08/04/15 12:25

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

SAMPLE ANALYTE COUNT

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40119123001	**GP-1, S-10**	EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40119123002	**GP-1**	EPA 8260	LAP	64	PASI-G
40119123003	**GP-2**	EPA 8260	LAP	64	PASI-G
40119123004	**GP-3, S-2**	EPA 8260	HNW	64	PASI-G
40119123005	**GP-1, S-20**	EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G

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Green Bay, WI 54302
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PROJECT NARRATIVE

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Method: **EPA 8260**
Description: 8260 MSV Med Level Normal List
Client: Mach IV Engineering
Date: August 10, 2015

General Information:
3 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, 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/29680

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40119123001

R1: RPD value was outside control limits.

- MSD (Lab ID: 1202471)
  - 1,1,1-Trichloroethane
  - 1,2-Dichloroethane
  - 1,2-Dichloropropane
  - Bromodichloromethane
  - Carbon tetrachloride
  - Chlorobenzene
  - Chloromethane
  - Dibromochloromethane
  - Dichlorodifluoromethane

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

PROJECT NARRATIVE

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Method: **EPA 8260**
Description: 8260 MSV Med Level Normal List
Client: Mach IV Engineering
Date: August 10, 2015

QC Batch: MSV/29680

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40119123001

R1: RPD value was outside control limits.

- Ethylbenzene
- Isopropylbenzene (Cumene)
- Methyl-tert-butyl ether
- Styrene
- Toluene
- Vinyl chloride
- cis-1,3-Dichloropropene
- o-Xylene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene

Additional Comments:

Analyte Comments:

QC Batch: MSV/29680

1q: Sample aliquot was taken from 4 oz poly dry weight container with head space and MeOH preserved in the laboratory.

- GP-1, S-10 (Lab ID: 40119123001)
  - Dibromofluoromethane (S)
- MS (Lab ID: 1202470)
  - Dibromofluoromethane (S)
- MSD (Lab ID: 1202471)
  - Dibromofluoromethane (S)

Pace Analytical Services, Inc.
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PROJECT NARRATIVE

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Method: **EPA 8260**
Description: 8260 MSV
Client: Mach IV Engineering
Date: August 10, 2015

General Information:
2 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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, where applicable, with any exceptions noted below.

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

QC Batch: MSV/29676

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 1202427)
  - Bromoform

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within 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: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Sample: GP-1, S-10 **Lab ID: 40119123001** Collected: 08/04/15 09:30 Received: 08/04/15 12:25 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	75-27-4	R1,W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/05/15 07:00	08/05/15 19:16	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	56-23-5	R1,W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	108-90-7	R1,W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/05/15 07:00	08/05/15 19:16	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/05/15 07:00	08/05/15 19:16	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	74-87-3	R1,W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/05/15 07:00	08/05/15 19:16	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	124-48-1	R1,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	75-71-8	R1,W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	107-06-2	R1,W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	156-60-5	R1,W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	78-87-5	R1,W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	10061-01-5	R1,W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	10061-02-6	R1,W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	100-41-4	R1,W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	98-82-8	R1,W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	1634-04-4	R1,W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/05/15 07:00	08/05/15 19:16	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	100-42-5	R1,W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Sample: GP-1, S-10 **Lab ID: 40119123001** Collected: 08/04/15 09:30 Received: 08/04/15 12:25 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	108-88-3	R1,W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/05/15 07:00	08/05/15 19:16	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	71-55-6	R1,W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	75-01-4	R1,W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/05/15 07:00	08/05/15 19:16	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 19:16	95-47-6	R1,W
Surrogates									
Dibromofluoromethane (S)	91	%	49-157		1	08/05/15 07:00	08/05/15 19:16	1868-53-7	1q
Toluene-d8 (S)	96	%	61-148		1	08/05/15 07:00	08/05/15 19:16	2037-26-5	
4-Bromofluorobenzene (S)	81	%	53-134		1	08/05/15 07:00	08/05/15 19:16	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.9**	%	0.10	0.10	1		08/04/15 16:22		

Sample: GP-1 **Lab ID: 40119123002** Collected: 08/04/15 09:45 Received: 08/04/15 12:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/05/15 16:19	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/05/15 16:19	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	75-25-2	L2
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/05/15 16:19	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/05/15 16:19	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/05/15 16:19	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/05/15 16:19	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/05/15 16:19	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	74-87-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Sample: GP-1 **Lab ID: 40119123002** Collected: 08/04/15 09:45 Received: 08/04/15 12:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/05/15 16:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/05/15 16:19	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/05/15 16:19	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/05/15 16:19	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/05/15 16:19	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/05/15 16:19	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/05/15 16:19	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/05/15 16:19	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/05/15 16:19	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/05/15 16:19	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/05/15 16:19	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/05/15 16:19	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/05/15 16:19	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/05/15 16:19	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/05/15 16:19	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/05/15 16:19	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/05/15 16:19	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		08/05/15 16:19	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/05/15 16:19	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/05/15 16:19	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/05/15 16:19	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/05/15 16:19	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/05/15 16:19	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/05/15 16:19	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/05/15 16:19	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/05/15 16:19	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/05/15 16:19	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/05/15 16:19	179601-23-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Sample: GP-1 **Lab ID: 40119123002** Collected: 08/04/15 09:45 Received: 08/04/15 12:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		08/05/15 16:19	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		08/05/15 16:19	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		08/05/15 16:19	2037-26-5	

Sample: GP-2 **Lab ID: 40119123003** Collected: 08/04/15 10:35 Received: 08/04/15 12:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		08/05/15 16:41	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		08/05/15 16:41	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	75-25-2	L2
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		08/05/15 16:41	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		08/05/15 16:41	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		08/05/15 16:41	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		08/05/15 16:41	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		08/05/15 16:41	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		08/05/15 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		08/05/15 16:41	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		08/05/15 16:41	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		08/05/15 16:41	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		08/05/15 16:41	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		08/05/15 16:41	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		08/05/15 16:41	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		08/05/15 16:41	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/05/15 16:41	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		08/05/15 16:41	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		08/05/15 16:41	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		08/05/15 16:41	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		08/05/15 16:41	563-58-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Sample: GP-2 **Lab ID: 40119123003** Collected: 08/04/15 10:35 Received: 08/04/15 12:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		08/05/15 16:41	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		08/05/15 16:41	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		08/05/15 16:41	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		08/05/15 16:41	75-09-2	
Methyl-tert-butyl ether	**0.28J**	ug/L	1.0	0.17	1		08/05/15 16:41	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/05/15 16:41	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		08/05/15 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		08/05/15 16:41	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		08/05/15 16:41	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		08/05/15 16:41	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		08/05/15 16:41	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		08/05/15 16:41	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		08/05/15 16:41	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/05/15 16:41	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		08/05/15 16:41	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/05/15 16:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		08/05/15 16:41	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		08/05/15 16:41	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		08/05/15 16:41	2037-26-5	

Sample: GP-3, S-2 **Lab ID: 40119123004** Collected: 08/04/15 10:30 Received: 08/04/15 12:25 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	08/05/15 07:00	08/05/15 12:51	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	75-25-2	W

REPORT OF LABORATORY ANALYSIS

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

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Sample: GP-3, S-2 **Lab ID: 40119123004** Collected: 08/04/15 10:30 Received: 08/04/15 12:25 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								
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/05/15 07:00	08/05/15 12:51	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/05/15 07:00	08/05/15 12:51	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/05/15 07:00	08/05/15 12:51	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/05/15 07:00	08/05/15 12:51	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	1634-04-4	W
Naphthalene	**77.1J**	ug/kg	250	40.0	1	08/05/15 07:00	08/05/15 12:51	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	79-34-5	W
Tetrachloroethene	**297**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	127-18-4	
Toluene	**55.6J**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	87-61-6	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Sample: GP-3, S-2 **Lab ID: 40119123004** Collected: 08/04/15 10:30 Received: 08/04/15 12:25 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								
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/05/15 07:00	08/05/15 12:51	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	96-18-4	W
1,2,4-Trimethylbenzene	**37.6J**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	75-01-4	W
m&p-Xylene	**74.9J**	ug/kg	120	50.0	1	08/05/15 07:00	08/05/15 12:51	179601-23-1	
o-Xylene	**49.5J**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 12:51	95-47-6	
Surrogates									
Dibromofluoromethane (S)	111	%	49-157		1	08/05/15 07:00	08/05/15 12:51	1868-53-7	
Toluene-d8 (S)	112	%	61-148		1	08/05/15 07:00	08/05/15 12:51	2037-26-5	
4-Bromofluorobenzene (S)	100	%	53-134		1	08/05/15 07:00	08/05/15 12:51	460-00-4	

Sample: GP-1, S-20 **Lab ID: 40119123005** Collected: 08/04/15 00:00 Received: 08/04/15 12:25 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/05/15 07:00	08/05/15 13:14	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/05/15 07:00	08/05/15 13:14	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/05/15 07:00	08/05/15 13:14	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/05/15 07:00	08/05/15 13:14	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	541-73-1	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Sample: GP-1, S-20 **Lab ID: 40119123005** Collected: 08/04/15 00:00 Received: 08/04/15 12:25 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/05/15 07:00	08/05/15 13:14	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/05/15 07:00	08/05/15 13:14	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/05/15 07:00	08/05/15 13:14	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/05/15 07:00	08/05/15 13:14	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	99	%	49-157		1	08/05/15 07:00	08/05/15 13:14	1868-53-7	
Toluene-d8 (S)	102	%	61-148		1	08/05/15 07:00	08/05/15 13:14	2037-26-5	
4-Bromofluorobenzene (S)	88	%	53-134		1	08/05/15 07:00	08/05/15 13:14	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Sample: GP-1, S-20 **Lab ID: 40119123005** Collected: 08/04/15 00:00 Received: 08/04/15 12:25 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**2.9**	%	0.10	0.10	1		08/04/15 16:22		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

QC Batch: MSV/29680 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40119123001, 40119123004, 40119123005

METHOD BLANK: 1202467 Matrix: Solid
Associated Lab Samples: 40119123001, 40119123004, 40119123005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/05/15 09:25	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/05/15 09:25	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/05/15 09:25	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/05/15 09:25	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/05/15 09:25	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/05/15 09:25	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/05/15 09:25	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/05/15 09:25	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/05/15 09:25	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/05/15 09:25	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/05/15 09:25	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/05/15 09:25	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/05/15 09:25	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/05/15 09:25	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/05/15 09:25	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/05/15 09:25	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/05/15 09:25	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/05/15 09:25	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/05/15 09:25	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/05/15 09:25	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/05/15 09:25	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/05/15 09:25	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/05/15 09:25	
Benzene	ug/kg	<9.2	20.0	08/05/15 09:25	
Bromobenzene	ug/kg	<20.6	50.0	08/05/15 09:25	
Bromochloromethane	ug/kg	<21.4	50.0	08/05/15 09:25	
Bromodichloromethane	ug/kg	<9.8	50.0	08/05/15 09:25	
Bromoform	ug/kg	<19.8	50.0	08/05/15 09:25	
Bromomethane	ug/kg	<69.9	250	08/05/15 09:25	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/05/15 09:25	
Chlorobenzene	ug/kg	<14.8	50.0	08/05/15 09:25	
Chloroethane	ug/kg	<67.0	250	08/05/15 09:25	
Chloroform	ug/kg	<46.4	250	08/05/15 09:25	
Chloromethane	ug/kg	<20.4	50.0	08/05/15 09:25	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/05/15 09:25	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/05/15 09:25	
Dibromochloromethane	ug/kg	<17.9	50.0	08/05/15 09:25	
Dibromomethane	ug/kg	<19.3	50.0	08/05/15 09:25	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/05/15 09:25	
Diisopropyl ether	ug/kg	<17.7	50.0	08/05/15 09:25	
Ethylbenzene	ug/kg	<12.4	50.0	08/05/15 09:25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

METHOD BLANK: 1202467 Matrix: Solid
Associated Lab Samples: 40119123001, 40119123004, 40119123005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	40.9J	50.0	08/05/15 09:25	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/05/15 09:25	
m&p-Xylene	ug/kg	<34.4	100	08/05/15 09:25	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/05/15 09:25	
Methylene Chloride	ug/kg	<16.2	50.0	08/05/15 09:25	
n-Butylbenzene	ug/kg	21.5J	50.0	08/05/15 09:25	
n-Propylbenzene	ug/kg	<11.6	50.0	08/05/15 09:25	
Naphthalene	ug/kg	<40.0	250	08/05/15 09:25	
o-Xylene	ug/kg	<14.0	50.0	08/05/15 09:25	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/05/15 09:25	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/05/15 09:25	
Styrene	ug/kg	<9.0	50.0	08/05/15 09:25	
tert-Butylbenzene	ug/kg	13.5J	50.0	08/05/15 09:25	
Tetrachloroethene	ug/kg	<12.9	50.0	08/05/15 09:25	
Toluene	ug/kg	<11.2	50.0	08/05/15 09:25	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/05/15 09:25	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/05/15 09:25	
Trichloroethene	ug/kg	<23.6	50.0	08/05/15 09:25	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/05/15 09:25	
Vinyl chloride	ug/kg	<21.1	50.0	08/05/15 09:25	
4-Bromofluorobenzene (S)	%	98	53-134	08/05/15 09:25	
Dibromofluoromethane (S)	%	110	49-157	08/05/15 09:25	
Toluene-d8 (S)	%	113	61-148	08/05/15 09:25	

LABORATORY CONTROL SAMPLE & LCSD: 1202468 1202469

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	2490	2350	99	94	70-130	6	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2390	2380	95	95	70-130	0	20	
1,1,2-Trichloroethane	ug/kg	2500	2600	2660	104	106	70-130	2	20	
1,1-Dichloroethane	ug/kg	2500	2520	2430	101	97	70-130	4	20	
1,1-Dichloroethene	ug/kg	2500	2400	2380	96	95	70-132	1	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2410	2630	96	105	70-130	9	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1970	2070	79	83	45-150	5	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2840	2860	113	114	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	2500	2580	2650	103	106	70-130	3	20	
1,2-Dichloroethane	ug/kg	2500	2710	2580	109	103	70-134	5	20	
1,2-Dichloropropane	ug/kg	2500	2770	2740	111	110	70-130	1	20	
1,3-Dichlorobenzene	ug/kg	2500	2460	2470	99	99	70-130	0	20	
1,4-Dichlorobenzene	ug/kg	2500	2590	2630	103	105	70-130	2	20	
Benzene	ug/kg	2500	2540	2460	102	98	70-130	3	20	
Bromodichloromethane	ug/kg	2500	2620	2630	105	105	70-130	0	20	
Bromoform	ug/kg	2500	2680	2910	107	116	48-130	8	20	
Bromomethane	ug/kg	2500	2190	2400	88	96	70-169	9	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

LABORATORY CONTROL SAMPLE & LCSD: 1202468 1202469

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	2500	2440	2290	98	91	67-130	7	20	
Chlorobenzene	ug/kg	2500	2680	2690	107	107	70-130	0	20	
Chloroethane	ug/kg	2500	2530	2310	101	92	70-191	9	20	
Chloroform	ug/kg	2500	2480	2430	99	97	70-130	2	20	
Chloromethane	ug/kg	2500	2520	2480	101	99	52-132	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2370	2390	95	96	70-130	1	20	
cis-1,3-Dichloropropene	ug/kg	2500	2660	2590	106	103	70-130	3	20	
Dibromochloromethane	ug/kg	2500	2660	2770	106	111	65-130	4	20	
Dichlorodifluoromethane	ug/kg	2500	2120	1910	85	76	12-150	10	20	
Ethylbenzene	ug/kg	2500	2630	2580	105	103	70-130	2	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2610	2550	104	102	70-130	2	20	
m&p-Xylene	ug/kg	5000	5380	5200	108	104	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	2500	2530	2440	101	98	70-130	3	20	
Methylene Chloride	ug/kg	2500	2480	2360	99	95	70-131	5	20	
o-Xylene	ug/kg	2500	2550	2510	102	101	70-130	2	20	
Styrene	ug/kg	2500	2590	2600	103	104	70-130	0	20	
Tetrachloroethene	ug/kg	2500	2930	3040	117	122	70-130	4	20	
Toluene	ug/kg	2500	2630	2670	105	107	70-130	1	20	
trans-1,2-Dichloroethene	ug/kg	2500	2410	2370	96	95	69-130	2	20	
trans-1,3-Dichloropropene	ug/kg	2500	2620	2640	105	105	65-130	0	20	
Trichloroethene	ug/kg	2500	2510	2510	101	100	70-130	0	20	
Trichlorofluoromethane	ug/kg	2500	2550	2240	102	90	50-150	13	20	
Vinyl chloride	ug/kg	2500	2460	2290	98	92	67-134	7	20	
4-Bromofluorobenzene (S)	%				99	96	53-134			
Dibromofluoromethane (S)	%				112	103	49-157			
Toluene-d8 (S)	%				109	109	61-148			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1202470 1202471

Parameter	Units	40119123001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	2900	2900	2560	2070	88	71	63-130	21	20	R1
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	2900	2900	2340	2020	81	70	57-136	15	20	
1,1,2-Trichloroethane	ug/kg	<25.0	2900	2900	2720	2230	94	77	70-130	20	20	
1,1-Dichloroethane	ug/kg	<25.0	2900	2900	2560	2110	88	73	62-131	19	23	
1,1-Dichloroethene	ug/kg	<25.0	2900	2900	2290	1890	79	65	42-137	19	20	
1,2,4-Trichlorobenzene	ug/kg	<47.6	2900	2900	2670	2440	92	84	59-137	9	21	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	2900	2900	2030	1670	70	57	33-150	20	25	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	2900	2900	2830	2410	97	83	70-130	16	20	
1,2-Dichlorobenzene	ug/kg	<25.0	2900	2900	2750	2320	95	80	70-130	17	20	
1,2-Dichloroethane	ug/kg	<25.0	2900	2900	2730	2210	94	76	68-134	21	20	R1
1,2-Dichloropropane	ug/kg	<25.0	2900	2900	2860	2290	98	79	70-130	22	20	R1
1,3-Dichlorobenzene	ug/kg	<25.0	2900	2900	2600	2160	89	75	70-130	18	20	
1,4-Dichlorobenzene	ug/kg	<25.0	2900	2900	2760	2360	95	81	69-130	15	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1202470 1202471

Parameter	Units	40119123001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	2900	2900	2540	2150	87	74	56-131	17	20	
Bromodichloromethane	ug/kg	<25.0	2900	2900	2700	2190	93	75	64-130	21	20	R1
Bromoform	ug/kg	<25.0	2900	2900	2750	2330	95	80	48-130	17	20	
Bromomethane	ug/kg	<69.9	2900	2900	2470	1980	85	68	18-169	22	23	
Carbon tetrachloride	ug/kg	<25.0	2900	2900	2490	1980	86	68	59-130	23	20	R1
Chlorobenzene	ug/kg	<25.0	2900	2900	2790	2260	96	78	70-130	21	20	R1
Chloroethane	ug/kg	<67.0	2900	2900	2340	2000	80	69	10-191	16	20	
Chloroform	ug/kg	<46.4	2900	2900	2520	2120	87	73	65-130	17	20	
Chloromethane	ug/kg	<25.0	2900	2900	2470	1960	85	67	36-132	23	20	R1
cis-1,2-Dichloroethene	ug/kg	<25.0	2900	2900	2400	2050	83	71	59-136	16	24	
cis-1,3-Dichloropropene	ug/kg	<25.0	2900	2900	2670	2170	92	75	60-130	21	20	R1
Dibromochloromethane	ug/kg	<25.0	2900	2900	2820	2270	97	78	59-130	22	20	R1
Dichlorodifluoromethane	ug/kg	<25.0	2900	2900	1750	1320	60	45	10-150	28	27	R1
Ethylbenzene	ug/kg	<25.0	2900	2900	2720	2180	94	75	64-130	22	20	R1
Isopropylbenzene (Cumene)	ug/kg	<25.0	2900	2900	2770	2160	95	74	69-138	25	20	R1
m&p-Xylene	ug/kg	<50.0	5810	5810	5510	4550	95	78	61-130	19	20	
Methyl-tert-butyl ether	ug/kg	<25.0	2900	2900	2480	2010	85	69	52-134	21	20	R1
Methylene Chloride	ug/kg	<25.0	2900	2900	2470	2030	85	70	61-131	20	20	
o-Xylene	ug/kg	<25.0	2900	2900	2660	2120	92	73	63-130	22	20	R1
Styrene	ug/kg	<25.0	2900	2900	2730	2170	94	75	70-130	23	20	R1
Tetrachloroethene	ug/kg	<25.0	2900	2900	3170	2620	109	90	65-130	19	20	
Toluene	ug/kg	<25.0	2900	2900	2810	2270	97	78	65-130	21	20	R1
trans-1,2-Dichloroethene	ug/kg	<25.0	2900	2900	2410	1930	83	66	55-130	22	20	R1
trans-1,3-Dichloropropene	ug/kg	<25.0	2900	2900	2680	2160	92	74	54-130	22	20	R1
Trichloroethene	ug/kg	<25.0	2900	2900	2630	2230	91	77	70-130	17	20	
Trichlorofluoromethane	ug/kg	<25.0	2900	2900	2430	1950	84	67	42-150	22	24	
Vinyl chloride	ug/kg	<25.0	2900	2900	2360	1850	81	64	35-134	24	20	R1
4-Bromofluorobenzene (S)	%						86	85	53-134			
Dibromofluoromethane (S)	%						96	99	49-157			1q
Toluene-d8 (S)	%						100	99	61-148			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

QC Batch: MSV/29676 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40119123002, 40119123003

METHOD BLANK: 1202426 Matrix: Water
Associated Lab Samples: 40119123002, 40119123003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/05/15 07:34	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/05/15 07:34	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/05/15 07:34	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	08/05/15 07:34	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/05/15 07:34	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/05/15 07:34	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/05/15 07:34	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/05/15 07:34	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/05/15 07:34	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/05/15 07:34	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/05/15 07:34	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/05/15 07:34	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	08/05/15 07:34	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/05/15 07:34	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/05/15 07:34	
1,2-Dichloropropane	ug/L	<0.23	1.0	08/05/15 07:34	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/05/15 07:34	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/05/15 07:34	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/05/15 07:34	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/05/15 07:34	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/05/15 07:34	
2-Chlorotoluene	ug/L	<0.50	1.0	08/05/15 07:34	
4-Chlorotoluene	ug/L	<0.21	1.0	08/05/15 07:34	
Benzene	ug/L	<0.50	1.0	08/05/15 07:34	
Bromobenzene	ug/L	<0.23	1.0	08/05/15 07:34	
Bromochloromethane	ug/L	<0.34	1.0	08/05/15 07:34	
Bromodichloromethane	ug/L	<0.50	1.0	08/05/15 07:34	
Bromoform	ug/L	<0.50	1.0	08/05/15 07:34	
Bromomethane	ug/L	<2.4	5.0	08/05/15 07:34	
Carbon tetrachloride	ug/L	<0.50	1.0	08/05/15 07:34	
Chlorobenzene	ug/L	<0.50	1.0	08/05/15 07:34	
Chloroethane	ug/L	<0.37	1.0	08/05/15 07:34	
Chloroform	ug/L	<2.5	5.0	08/05/15 07:34	
Chloromethane	ug/L	<0.50	1.0	08/05/15 07:34	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/05/15 07:34	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/05/15 07:34	
Dibromochloromethane	ug/L	<0.50	1.0	08/05/15 07:34	
Dibromomethane	ug/L	<0.43	1.0	08/05/15 07:34	
Dichlorodifluoromethane	ug/L	<0.22	1.0	08/05/15 07:34	
Diisopropyl ether	ug/L	<0.50	1.0	08/05/15 07:34	
Ethylbenzene	ug/L	<0.50	1.0	08/05/15 07:34	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

METHOD BLANK: 1202426 Matrix: Water
Associated Lab Samples: 40119123002, 40119123003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/05/15 07:34	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/05/15 07:34	
m&p-Xylene	ug/L	<1.0	2.0	08/05/15 07:34	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/05/15 07:34	
Methylene Chloride	ug/L	<0.23	1.0	08/05/15 07:34	
n-Butylbenzene	ug/L	<0.50	1.0	08/05/15 07:34	
n-Propylbenzene	ug/L	<0.50	1.0	08/05/15 07:34	
Naphthalene	ug/L	<2.5	5.0	08/05/15 07:34	
o-Xylene	ug/L	<0.50	1.0	08/05/15 07:34	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/05/15 07:34	
sec-Butylbenzene	ug/L	<2.2	5.0	08/05/15 07:34	
Styrene	ug/L	<0.50	1.0	08/05/15 07:34	
tert-Butylbenzene	ug/L	<0.18	1.0	08/05/15 07:34	
Tetrachloroethene	ug/L	<0.50	1.0	08/05/15 07:34	
Toluene	ug/L	<0.50	1.0	08/05/15 07:34	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	08/05/15 07:34	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/05/15 07:34	
Trichloroethene	ug/L	<0.33	1.0	08/05/15 07:34	
Trichlorofluoromethane	ug/L	<0.18	1.0	08/05/15 07:34	
Vinyl chloride	ug/L	<0.18	1.0	08/05/15 07:34	
4-Bromofluorobenzene (S)	%	98	70-130	08/05/15 07:34	
Dibromofluoromethane (S)	%	95	70-130	08/05/15 07:34	
Toluene-d8 (S)	%	101	70-130	08/05/15 07:34	

LABORATORY CONTROL SAMPLE & LCSD: 1202427 1202428

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	20	17.1	16.5	86	83	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/L	20	20.5	20.6	103	103	70-130	1	20	
1,1,2-Trichloroethane	ug/L	20	21.4	20.5	107	103	70-130	4	20	
1,1-Dichloroethane	ug/L	20	21.4	21.0	107	105	70-130	2	20	
1,1-Dichloroethene	ug/L	20	20.5	19.8	102	99	70-130	3	20	
1,2,4-Trichlorobenzene	ug/L	20	19.6	19.6	98	98	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	20	12.3	13.9	62	69	50-150	12	20	
1,2-Dibromoethane (EDB)	ug/L	20	20.4	20.1	102	100	70-130	1	20	
1,2-Dichlorobenzene	ug/L	20	20.3	20.8	102	104	70-130	2	20	
1,2-Dichloroethane	ug/L	20	21.9	21.6	110	108	70-131	2	20	
1,2-Dichloropropane	ug/L	20	20.7	20.5	103	103	70-130	1	20	
1,3-Dichlorobenzene	ug/L	20	20.1	20.6	100	103	70-130	3	20	
1,4-Dichlorobenzene	ug/L	20	20.4	20.5	102	102	70-130	1	20	
Benzene	ug/L	20	19.9	19.7	99	99	70-130	1	20	
Bromodichloromethane	ug/L	20	16.5	17.1	83	86	70-130	3	20	
Bromoform	ug/L	20	13.3	13.9	67	69	68-130	4	20	L0
Bromomethane	ug/L	20	14.3	14.4	72	72	38-137	1	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

LABORATORY CONTROL SAMPLE & LCSD: 1202427 1202428

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	20	15.6	15.9	78	79	70-130	2	20	
Chlorobenzene	ug/L	20	20.5	20.5	103	102	70-130	0	20	
Chloroethane	ug/L	20	20.3	20.5	101	103	70-136	1	20	
Chloroform	ug/L	20	20.2	19.9	101	100	70-130	1	20	
Chloromethane	ug/L	20	17.5	16.9	88	84	48-144	4	20	
cis-1,2-Dichloroethene	ug/L	20	19.9	20.0	99	100	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	20	15.8	16.3	79	82	70-130	3	20	
Dibromochloromethane	ug/L	20	16.1	16.5	81	82	70-130	2	20	
Dichlorodifluoromethane	ug/L	20	13.7	13.4	68	67	33-157	2	20	
Ethylbenzene	ug/L	20	20.8	20.5	104	103	70-132	1	20	
Isopropylbenzene (Cumene)	ug/L	20	20.2	20.1	101	100	70-130	1	20	
m&p-Xylene	ug/L	40	41.4	41.0	103	103	70-131	1	20	
Methyl-tert-butyl ether	ug/L	20	20.3	20.3	102	102	48-141	0	20	
Methylene Chloride	ug/L	20	22.0	22.1	110	110	70-130	0	20	
o-Xylene	ug/L	20	20.3	19.6	101	98	70-131	3	20	
Styrene	ug/L	20	20.8	20.5	104	102	70-130	2	20	
Tetrachloroethene	ug/L	20	20.7	21.5	104	107	70-130	4	20	
Toluene	ug/L	20	21.2	20.3	106	101	70-130	4	20	
trans-1,2-Dichloroethene	ug/L	20	20.6	20.3	103	102	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	20	14.1	14.3	71	72	70-130	1	20	
Trichloroethene	ug/L	20	20.2	20.0	101	100	70-130	1	20	
Trichlorofluoromethane	ug/L	20	21.0	20.5	105	102	50-150	3	20	
Vinyl chloride	ug/L	20	18.3	17.6	92	88	65-142	4	20	
4-Bromofluorobenzene (S)	%				101	100	70-130			
Dibromofluoromethane (S)	%				99	98	70-130			
Toluene-d8 (S)	%				101	97	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

QC Batch: PMST/11582
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40119123001, 40119123005

SAMPLE DUPLICATE: 1202394

Parameter	Units	60199062001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.3	5.2	1	10	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALIFIERS

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

1q	Sample aliquot was taken from 4 oz poly dry weight container with head space and MeOH preserved in the laboratory.
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.
R1	RPD value was outside control limits.
W	Non-detect results are reported on a wet weight basis.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0969-01-15 7 S. 2ND AVE
Pace Project No.: 40119123

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40119123001	**GP-1, S-10**	EPA 5035/5030B	MSV/29680	EPA 8260	MSV/29682
40119123004	**GP-3, S-2**	EPA 5035/5030B	MSV/29680	EPA 8260	MSV/29682
40119123005	**GP-1, S-20**	EPA 5035/5030B	MSV/29680	EPA 8260	MSV/29682
40119123002	**GP-1**	EPA 8260	MSV/29676		
40119123003	**GP-2**	EPA 8260	MSV/29676		
40119123001	**GP-1, S-10**	ASTM D2974-87	PMST/11582		
40119123005	**GP-1, S-20**	ASTM D2974-87	PMST/11582		

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

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

40119423

(Please Print Clearly)	
Company Name:	MachIV Engineering
Branch/Location:	
Project Contact:	Chad Fradette
Phone:	920 615 0019
Project Number:	0969-01-15
Project Name:	7 S. 2nd Ave
Project State:	WI
Sampled By (Print):	Chad Fradette
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	MachIV Engineering
Mail To Address:	211 N Broadway GB, WI
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, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOCs
001	GP-1, S-10	8/4/15	0930	S		F/B	X
002	GP-1		0945	GW			
003	GP-2		1035	GW			
004	GP-3, S-2		1030	S			
005	GP-1, S-20 X						

CLIENT COMMENTS

LAB COMMENTS (Lab Use Only)
1-40zp A
3-40mlv B
1-40mlv F
1-40mlv F 1-40zp A

Profile #

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 8-7-15

Transmit Prelim Rush Results by (complete what you want):
Email #1: Quick Data
Email #2:
Telephone: no you can.
Fax:

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	8/4/15 1225	[signature]	8-4-15 12:23
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
40119423

Receipt Temp = ROI °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

+lab added 005 to chain

ORIGINAL

Sample Condition Upon Receipt

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

Project #: WO#: 40119123

Client Name: Mach IV Engineering

Courier: ☐ Fed Ex ☐ UPS ☒ Client ☐ Pace Other: _____

Tracking #: _____

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

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

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

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

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

Temp Blank Present: ☐ yes ☒ no

Person examining contents:
Date: 8/4/15
Initials: TL

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

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

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: ✗ lab added DRS to COC 8/4/15 TL

Project Manager Review: _____ **Date:** 8-4-15

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

August 24, 2015

Chad Fradette
Mach IV Engineering & Surveying
211 N. Broadway
Suite 114
Green Bay, WI 54303

RE: Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Dear Chad Fradette:
Enclosed are the analytical results for sample(s) received by the laboratory on August 20, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

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
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40119909001	**GP-4, 5-1**	Solid	08/20/15 09:30	08/20/15 13:13
40119909002	**GP-5, 5-1**	Solid	08/20/15 09:30	08/20/15 13:13
40119909003	**GP-6, 5-1**	Solid	08/20/15 09:30	08/20/15 13:13
40119909004	**GP-7, 5-1**	Solid	08/20/15 09:30	08/20/15 13:13

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SAMPLE ANALYTE COUNT

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40119909001	**GP-4, 5-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAM	1	PASI-G
40119909002	**GP-5, 5-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAM	1	PASI-G
40119909003	**GP-6, 5-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAM	1	PASI-G
40119909004	**GP-7, 5-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAM	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Method: **EPA 8260**
Description: 8260 MSV Med Level Normal List
Client: Mach IV Engineering
Date: August 24, 2015

General Information:
4 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, 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/29880

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

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

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Sample: GP-4, 5-1 **Lab ID: 40119909001** Collected: 08/20/15 09:30 Received: 08/20/15 13:13 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/21/15 07:00	08/21/15 13:22	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/21/15 07:00	08/21/15 13:22	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/21/15 07:00	08/21/15 13:22	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/21/15 07:00	08/21/15 13:22	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/21/15 07:00	08/21/15 13:22	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Sample: GP-4, 5-1 **Lab ID: 40119909001** Collected: 08/20/15 09:30 Received: 08/20/15 13:13 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/21/15 07:00	08/21/15 13:22	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/21/15 07:00	08/21/15 13:22	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:22	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	140	%	49-157		1	08/21/15 07:00	08/21/15 13:22	1868-53-7	
Toluene-d8 (S)	142	%	61-148		1	08/21/15 07:00	08/21/15 13:22	2037-26-5	
4-Bromofluorobenzene (S)	127	%	53-134		1	08/21/15 07:00	08/21/15 13:22	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**1.8**	%	0.10	0.10	1		08/20/15 15:49		

Sample: GP-5, 5-1 **Lab ID: 40119909002** Collected: 08/20/15 09:30 Received: 08/20/15 13:13 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/21/15 07:00	08/21/15 13:45	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/21/15 07:00	08/21/15 13:45	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/21/15 07:00	08/21/15 13:45	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Sample: GP-5, 5-1 **Lab ID: 40119909002** Collected: 08/20/15 09:30 Received: 08/20/15 13:13 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/21/15 07:00	08/21/15 13:45	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/21/15 07:00	08/21/15 13:45	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	79-34-5	W
Tetrachloroethene	**54.7J**	ug/kg	78.7	32.8	1	08/21/15 07:00	08/21/15 13:45	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/21/15 07:00	08/21/15 13:45	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Sample: GP-5, 5-1 **Lab ID: 40119909002** Collected: 08/20/15 09:30 Received: 08/20/15 13:13 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/21/15 07:00	08/21/15 13:45	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 13:45	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	92	%	49-157		1	08/21/15 07:00	08/21/15 13:45	1868-53-7	
Toluene-d8 (S)	89	%	61-148		1	08/21/15 07:00	08/21/15 13:45	2037-26-5	
4-Bromofluorobenzene (S)	78	%	53-134		1	08/21/15 07:00	08/21/15 13:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.7**	%	0.10	0.10	1		08/20/15 15:50		

Sample: GP-6, 5-1 **Lab ID: 40119909003** Collected: 08/20/15 09:30 Received: 08/20/15 13:13 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/21/15 07:00	08/21/15 14:08	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/21/15 07:00	08/21/15 14:08	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/21/15 07:00	08/21/15 14:08	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/21/15 07:00	08/21/15 14:08	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Sample: GP-6, 5-1 **Lab ID: 40119909003** Collected: 08/20/15 09:30 Received: 08/20/15 13:13 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/21/15 07:00	08/21/15 14:08	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	79-34-5	W
Tetrachloroethene	**49.6J**	ug/kg	70.7	29.5	1	08/21/15 07:00	08/21/15 14:08	127-18-4	
Toluene	**37.7J**	ug/kg	70.7	29.5	1	08/21/15 07:00	08/21/15 14:08	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/21/15 07:00	08/21/15 14:08	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:08	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/21/15 07:00	08/21/15 14:08	179601-23-1	W
o-Xylene	**30.3J**	ug/kg	70.7	29.5	1	08/21/15 07:00	08/21/15 14:08	95-47-6	
Surrogates									
Dibromofluoromethane (S)	96	%	49-157		1	08/21/15 07:00	08/21/15 14:08	1868-53-7	
Toluene-d8 (S)	94	%	61-148		1	08/21/15 07:00	08/21/15 14:08	2037-26-5	
4-Bromofluorobenzene (S)	83	%	53-134		1	08/21/15 07:00	08/21/15 14:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.1**	%	0.10	0.10	1		08/20/15 15:50		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Sample: GP-7, 5-1 **Lab ID: 40119909004** Collected: 08/20/15 09:30 Received: 08/20/15 13:13 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/21/15 07:00	08/21/15 14:31	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/21/15 07:00	08/21/15 14:31	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/21/15 07:00	08/21/15 14:31	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/21/15 07:00	08/21/15 14:31	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/21/15 07:00	08/21/15 14:31	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Sample: GP-7, 5-1 **Lab ID: 40119909004** Collected: 08/20/15 09:30 Received: 08/20/15 13:13 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	79-34-5	W
Tetrachloroethene	**1880**	ug/kg	66.0	27.5	1	08/21/15 07:00	08/21/15 14:31	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/21/15 07:00	08/21/15 14:31	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/21/15 07:00	08/21/15 14:31	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/21/15 07:00	08/21/15 14:31	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	103	%	49-157		1	08/21/15 07:00	08/21/15 14:31	1868-53-7	
Toluene-d8 (S)	105	%	61-148		1	08/21/15 07:00	08/21/15 14:31	2037-26-5	
4-Bromofluorobenzene (S)	90	%	53-134		1	08/21/15 07:00	08/21/15 14:31	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.2**	%	0.10	0.10	1		08/20/15 15:50		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

QC Batch: MSV/29880 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40119909001, 40119909002, 40119909003, 40119909004

METHOD BLANK: 1209471 Matrix: Solid
Associated Lab Samples: 40119909001, 40119909002, 40119909003, 40119909004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/21/15 09:53	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/21/15 09:53	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/21/15 09:53	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/21/15 09:53	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/21/15 09:53	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/21/15 09:53	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/21/15 09:53	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/21/15 09:53	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/21/15 09:53	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/21/15 09:53	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/21/15 09:53	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/21/15 09:53	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/21/15 09:53	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/21/15 09:53	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/21/15 09:53	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/21/15 09:53	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/21/15 09:53	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/21/15 09:53	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/21/15 09:53	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/21/15 09:53	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/21/15 09:53	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/21/15 09:53	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/21/15 09:53	
Benzene	ug/kg	<9.2	20.0	08/21/15 09:53	
Bromobenzene	ug/kg	<20.6	50.0	08/21/15 09:53	
Bromochloromethane	ug/kg	<21.4	50.0	08/21/15 09:53	
Bromodichloromethane	ug/kg	<9.8	50.0	08/21/15 09:53	
Bromoform	ug/kg	<19.8	50.0	08/21/15 09:53	
Bromomethane	ug/kg	<69.9	250	08/21/15 09:53	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/21/15 09:53	
Chlorobenzene	ug/kg	<14.8	50.0	08/21/15 09:53	
Chloroethane	ug/kg	<67.0	250	08/21/15 09:53	
Chloroform	ug/kg	<46.4	250	08/21/15 09:53	
Chloromethane	ug/kg	<20.4	50.0	08/21/15 09:53	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/21/15 09:53	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/21/15 09:53	
Dibromochloromethane	ug/kg	<17.9	50.0	08/21/15 09:53	
Dibromomethane	ug/kg	<19.3	50.0	08/21/15 09:53	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/21/15 09:53	
Diisopropyl ether	ug/kg	<17.7	50.0	08/21/15 09:53	
Ethylbenzene	ug/kg	<12.4	50.0	08/21/15 09:53	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

METHOD BLANK: 1209471 Matrix: Solid
Associated Lab Samples: 40119909001, 40119909002, 40119909003, 40119909004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/21/15 09:53	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/21/15 09:53	
m&p-Xylene	ug/kg	<34.4	100	08/21/15 09:53	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/21/15 09:53	
Methylene Chloride	ug/kg	<16.2	50.0	08/21/15 09:53	
n-Butylbenzene	ug/kg	<10.5	50.0	08/21/15 09:53	
n-Propylbenzene	ug/kg	<11.6	50.0	08/21/15 09:53	
Naphthalene	ug/kg	<40.0	250	08/21/15 09:53	
o-Xylene	ug/kg	<14.0	50.0	08/21/15 09:53	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/21/15 09:53	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/21/15 09:53	
Styrene	ug/kg	<9.0	50.0	08/21/15 09:53	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/21/15 09:53	
Tetrachloroethene	ug/kg	<12.9	50.0	08/21/15 09:53	
Toluene	ug/kg	<11.2	50.0	08/21/15 09:53	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/21/15 09:53	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/21/15 09:53	
Trichloroethene	ug/kg	<23.6	50.0	08/21/15 09:53	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/21/15 09:53	
Vinyl chloride	ug/kg	<21.1	50.0	08/21/15 09:53	
4-Bromofluorobenzene (S)	%	91	53-134	08/21/15 09:53	
Dibromofluoromethane (S)	%	105	49-157	08/21/15 09:53	
Toluene-d8 (S)	%	103	61-148	08/21/15 09:53	

LABORATORY CONTROL SAMPLE & LCSD: 1209472 1209473

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	2280	2330	91	93	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2410	2500	96	100	70-130	4	20	
1,1,2-Trichloroethane	ug/kg	2500	2600	2660	104	106	70-130	2	20	
1,1-Dichloroethane	ug/kg	2500	2810	2790	112	112	70-130	0	20	
1,1-Dichloroethene	ug/kg	2500	2660	2730	106	109	70-132	2	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2330	2490	93	100	70-130	7	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1740	1820	70	73	45-150	5	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2620	2690	105	108	70-130	3	20	
1,2-Dichlorobenzene	ug/kg	2500	2580	2550	103	102	70-130	1	20	
1,2-Dichloroethane	ug/kg	2500	2830	2790	113	112	70-134	1	20	
1,2-Dichloropropane	ug/kg	2500	2780	2720	111	109	70-130	2	20	
1,3-Dichlorobenzene	ug/kg	2500	2510	2460	101	98	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	2500	2490	2460	100	99	70-130	1	20	
Benzene	ug/kg	2500	2760	2760	110	110	70-130	0	20	
Bromodichloromethane	ug/kg	2500	2340	2430	94	97	70-130	4	20	
Bromoform	ug/kg	2500	1890	2060	75	82	48-130	9	20	
Bromomethane	ug/kg	2500	2560	2690	102	108	70-169	5	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

LABORATORY CONTROL SAMPLE & LCSD: 1209472 1209473

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	2500	2230	2320	89	93	67-130	4	20	
Chlorobenzene	ug/kg	2500	2710	2740	109	110	70-130	1	20	
Chloroethane	ug/kg	2500	2690	2650	107	106	70-191	1	20	
Chloroform	ug/kg	2500	2590	2620	104	105	70-130	1	20	
Chloromethane	ug/kg	2500	2360	2310	94	92	52-132	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2550	2560	102	102	70-130	1	20	
cis-1,3-Dichloropropene	ug/kg	2500	2240	2280	90	91	70-130	2	20	
Dibromochloromethane	ug/kg	2500	2120	2290	85	92	65-130	8	20	
Dichlorodifluoromethane	ug/kg	2500	1790	1810	71	72	12-150	1	20	
Ethylbenzene	ug/kg	2500	2590	2590	104	104	70-130	0	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2640	2590	106	104	70-130	2	20	
m&p-Xylene	ug/kg	5000	5360	5430	107	109	70-130	1	20	
Methyl-tert-butyl ether	ug/kg	2500	2460	2720	98	109	70-130	10	20	
Methylene Chloride	ug/kg	2500	2910	2800	116	112	70-131	4	20	
o-Xylene	ug/kg	2500	2680	2690	107	108	70-130	0	20	
Styrene	ug/kg	2500	2570	2690	103	108	70-130	5	20	
Tetrachloroethene	ug/kg	2500	2490	2520	100	101	70-130	1	20	
Toluene	ug/kg	2500	2700	2710	108	109	70-130	0	20	
trans-1,2-Dichloroethene	ug/kg	2500	2640	2830	106	113	69-130	7	20	
trans-1,3-Dichloropropene	ug/kg	2500	2090	2210	84	88	65-130	6	20	
Trichloroethene	ug/kg	2500	2620	2550	105	102	70-130	3	20	
Trichlorofluoromethane	ug/kg	2500	2220	2100	89	84	50-150	5	20	
Vinyl chloride	ug/kg	2500	2340	2330	94	93	67-134	1	20	
4-Bromofluorobenzene (S)	%				94	96	53-134			
Dibromofluoromethane (S)	%				112	113	49-157			
Toluene-d8 (S)	%				107	107	61-148			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

QC Batch: PMST/11664 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40119909001, 40119909002, 40119909003, 40119909004

SAMPLE DUPLICATE: 1209329

Parameter	Units	40119849002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	50.7	53.8	6	10	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALIFIERS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/29882

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40119909

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40119909001	**GP-4, 5-1**	EPA 5035/5030B	MSV/29880	EPA 8260	MSV/29882
40119909002	**GP-5, 5-1**	EPA 5035/5030B	MSV/29880	EPA 8260	MSV/29882
40119909003	**GP-6, 5-1**	EPA 5035/5030B	MSV/29880	EPA 8260	MSV/29882
40119909004	**GP-7, 5-1**	EPA 5035/5030B	MSV/29880	EPA 8260	MSV/29882
40119909001	**GP-4, 5-1**	ASTM D2974-87	PMST/11664		
40119909002	**GP-5, 5-1**	ASTM D2974-87	PMST/11664		
40119909003	**GP-6, 5-1**	ASTM D2974-87	PMST/11664		
40119909004	**GP-7, 5-1**	ASTM D2974-87	PMST/11664		

CHAIN OF CUSTODY

Pace Analytical®
www.pacelabs.com

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

AmH 8/20/15 8/ 40119904

(Please Print Clearly)

Company Name:	Mach IV Eng
Branch/Location:	
Project Contact:	Chad Fradette
Phone:	
Project Number:	0969-01-15
Project Name:	Lockwood Gallery
Project State:	WI
Sampled By (Print):	Chad M Fradette
Sampled By (Sign):	[signature]
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	
Mail To Company:	Mach IV Eng
Mail To Address:	211 N Broadway Ste 114
Invoice To Contact:	GB, WI
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, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge
W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	~~[illegible]~~ cf 8/20	8/20/15	0930				1-4oz p^A 1-40ml v^F	
001	GP-4, S-1	↓	↓	S	X		↓	
002	GP-5, S-1	↓	↓	↓	↓		↓	
003	GP-6, S-1	↓	↓	↓	↓		↓	
004	GP-7, S-1	↓	↓	↓	↓		↓	

QIT
Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 8/25/15 man

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	8/20/15 1313	Carly Rf	8/20/15 1313

PACE Project No. 40119904

Receipt Temp = ROI °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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

Project #: **WO# : 40119909**

40119909

Client Name: mach IV engineering

Courier: ☐ Fed Ex ☐ UPS ☒ Client ☐ Pace Other: _____

Tracking #: _____

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

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

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

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

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

Temp Blank Present: ☐ yes ☒ no

Person examining contents:
Date: 8/20/15
Initials: TL

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

				Comments:
Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☒No	☐N/A	6.
Rush Turn Around Time Requested:	☒Yes	☐No	☐N/A	7. 8/25 8/20/15 TL
Sufficient Volume:	☒Yes	☐No	☐N/A	8.
Correct Containers Used:	☒Yes	☐No	☐N/A	9.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☒N/A	
Containers Intact:	☒Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11.
Sample Labels match COC:	☐Yes	☒No	☐N/A	12. no collect date or time on samples 8/20/15 TL
-Includes date/time/ID/Analysis Matrix: S				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☒N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes	☒No		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☒N/A	14.
Trip Blank Present:	☐Yes	☒No	☐N/A	15.
Trip Blank Custody Seals Present	☐Yes	☐No	☒N/A	
Pace Trip Blank Lot # (if purchased):				

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 8-20-15

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

August 28, 2015

Chad Fradette
Mach IV Engineering & Surveying
211 N. Broadway
Suite 114
Green Bay, WI 54303

RE: Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Dear Chad Fradette:
Enclosed are the analytical results for sample(s) received by the laboratory on August 27, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

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
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40120173001	**GP-8, S-1**	Solid	08/26/15 19:45	08/27/15 08:00
40120173002	**GP-9, S-1**	Solid	08/26/15 19:35	08/27/15 08:00
40120173003	**GP-10, S-1**	Solid	08/26/15 19:25	08/27/15 08:00
40120173004	**GP-11, S-1**	Solid	08/26/15 19:15	08/27/15 08:00
40120173005	**GP-12, S-1**	Solid	08/26/15 19:05	08/27/15 08:00
40120173006	**GP-13, S-1**	Solid	08/26/15 18:55	08/27/15 08:00
40120173007	**GP-14, S-1**	Solid	08/26/15 18:45	08/27/15 08:00
40120173008	**GP-15, S-1**	Solid	08/26/15 18:35	08/27/15 08:00
40120173009	**GP-16, S-1**	Solid	08/26/15 18:25	08/27/15 08:00

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40120173001	**GP-8, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120173002	**GP-9, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120173003	**GP-10, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120173004	**GP-11, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120173005	**GP-12, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120173006	**GP-13, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120173007	**GP-14, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120173008	**GP-15, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120173009	**GP-16, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G

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PROJECT NARRATIVE

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Method: **EPA 8260**
Description: 8260 MSV Med Level Normal List
Client: Mach IV Engineering
Date: August 28, 2015

General Information:
9 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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.

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

QC Batch: MSV/29945

B: Analyte was detected in the associated method blank.

- BLANK for HBN 202606 [MSV/2994 (Lab ID: 1212188)
  - Methylene Chloride

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/29945

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

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

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-8, S-1 **Lab ID: 40120173001** Collected: 08/26/15 19:45 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/27/15 13:45	08/27/15 23:10	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/27/15 13:45	08/27/15 23:10	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/27/15 13:45	08/27/15 23:10	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/27/15 13:45	08/27/15 23:10	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	99-87-6	W
Methylene Chloride	**52.3J**	ug/kg	62.2	25.9	1	08/27/15 13:45	08/27/15 23:10	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	1634-04-4	W
Naphthalene	**189J**	ug/kg	259	41.5	1	08/27/15 13:45	08/27/15 23:10	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-8, S-1 **Lab ID: 40120173001** Collected: 08/26/15 19:45 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	79-34-5	W
Tetrachloroethene	**2260**	ug/kg	62.2	25.9	1	08/27/15 13:45	08/27/15 23:10	127-18-4	
Toluene	**82.5**	ug/kg	62.2	25.9	1	08/27/15 13:45	08/27/15 23:10	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/27/15 13:45	08/27/15 23:10	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	96-18-4	W
1,2,4-Trimethylbenzene	**75.9**	ug/kg	62.2	25.9	1	08/27/15 13:45	08/27/15 23:10	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:10	75-01-4	W
m&p-Xylene	**127**	ug/kg	124	51.9	1	08/27/15 13:45	08/27/15 23:10	179601-23-1	
o-Xylene	**94.1**	ug/kg	62.2	25.9	1	08/27/15 13:45	08/27/15 23:10	95-47-6	
Surrogates									
Dibromofluoromethane (S)	115	%	49-157		1	08/27/15 13:45	08/27/15 23:10	1868-53-7	
Toluene-d8 (S)	123	%	61-148		1	08/27/15 13:45	08/27/15 23:10	2037-26-5	
4-Bromofluorobenzene (S)	109	%	53-134		1	08/27/15 13:45	08/27/15 23:10	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.6**	%	0.10	0.10	1		08/28/15 09:14		

Sample: GP-9, S-1 **Lab ID: 40120173002** Collected: 08/26/15 19:35 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/27/15 13:45	08/27/15 23:33	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/27/15 13:45	08/27/15 23:33	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/27/15 13:45	08/27/15 23:33	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-9, S-1 **Lab ID: 40120173002** Collected: 08/26/15 19:35 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/27/15 13:45	08/27/15 23:33	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	99-87-6	W
Methylene Chloride	**35.1J**	ug/kg	66.6	27.7	1	08/27/15 13:45	08/27/15 23:33	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	1634-04-4	W
Naphthalene	**101J**	ug/kg	277	44.4	1	08/27/15 13:45	08/27/15 23:33	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	79-34-5	W
Tetrachloroethene	**85.5**	ug/kg	66.6	27.7	1	08/27/15 13:45	08/27/15 23:33	127-18-4	
Toluene	**60.1J**	ug/kg	66.6	27.7	1	08/27/15 13:45	08/27/15 23:33	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/27/15 13:45	08/27/15 23:33	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	96-18-4	W
1,2,4-Trimethylbenzene	**36.3J**	ug/kg	66.6	27.7	1	08/27/15 13:45	08/27/15 23:33	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-9, S-1 **Lab ID: 40120173002** Collected: 08/26/15 19:35 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:33	75-01-4	W
m&p-Xylene	**89.0J**	ug/kg	133	55.5	1	08/27/15 13:45	08/27/15 23:33	179601-23-1	
o-Xylene	**53.8J**	ug/kg	66.6	27.7	1	08/27/15 13:45	08/27/15 23:33	95-47-6	
Surrogates									
Dibromofluoromethane (S)	104	%	49-157		1	08/27/15 13:45	08/27/15 23:33	1868-53-7	
Toluene-d8 (S)	117	%	61-148		1	08/27/15 13:45	08/27/15 23:33	2037-26-5	
4-Bromofluorobenzene (S)	101	%	53-134		1	08/27/15 13:45	08/27/15 23:33	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.9**	%	0.10	0.10	1		08/28/15 09:14		

Sample: GP-10, S-1 **Lab ID: 40120173003** Collected: 08/26/15 19:25 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/27/15 13:45	08/27/15 23:57	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/27/15 13:45	08/27/15 23:57	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/27/15 13:45	08/27/15 23:57	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/27/15 13:45	08/27/15 23:57	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-10, S-1 **Lab ID: 40120173003** Collected: 08/26/15 19:25 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	99-87-6	W
Methylene Chloride	**47.2J**	ug/kg	62.7	26.1	1	08/27/15 13:45	08/27/15 23:57	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/27/15 13:45	08/27/15 23:57	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/27/15 13:45	08/27/15 23:57	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/27/15 13:45	08/27/15 23:57	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/27/15 23:57	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	114	%	49-157		1	08/27/15 13:45	08/27/15 23:57	1868-53-7	
Toluene-d8 (S)	117	%	61-148		1	08/27/15 13:45	08/27/15 23:57	2037-26-5	
4-Bromofluorobenzene (S)	104	%	53-134		1	08/27/15 13:45	08/27/15 23:57	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**4.2**	%	0.10	0.10	1		08/28/15 09:14		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-11, S-1 **Lab ID: 40120173004** Collected: 08/26/15 19:15 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/27/15 13:45	08/28/15 00:20	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/27/15 13:45	08/28/15 00:20	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/27/15 13:45	08/28/15 00:20	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/27/15 13:45	08/28/15 00:20	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	99-87-6	W
Methylene Chloride	**38.3J**	ug/kg	64.5	26.9	1	08/27/15 13:45	08/28/15 00:20	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	1634-04-4	W
Naphthalene	**60.0J**	ug/kg	269	43.0	1	08/27/15 13:45	08/28/15 00:20	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-11, S-1 **Lab ID: 40120173004** Collected: 08/26/15 19:15 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	79-34-5	W
Tetrachloroethene	**177**	ug/kg	64.5	26.9	1	08/27/15 13:45	08/28/15 00:20	127-18-4	
Toluene	**45.8J**	ug/kg	64.5	26.9	1	08/27/15 13:45	08/28/15 00:20	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/27/15 13:45	08/28/15 00:20	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	96-18-4	W
1,2,4-Trimethylbenzene	**27.0J**	ug/kg	64.5	26.9	1	08/27/15 13:45	08/28/15 00:20	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:20	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/27/15 13:45	08/28/15 00:20	179601-23-1	W
o-Xylene	**37.3J**	ug/kg	64.5	26.9	1	08/27/15 13:45	08/28/15 00:20	95-47-6	
Surrogates									
Dibromofluoromethane (S)	112	%	49-157		1	08/27/15 13:45	08/28/15 00:20	1868-53-7	
Toluene-d8 (S)	116	%	61-148		1	08/27/15 13:45	08/28/15 00:20	2037-26-5	
4-Bromofluorobenzene (S)	100	%	53-134		1	08/27/15 13:45	08/28/15 00:20	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.9**	%	0.10	0.10	1		08/28/15 09:14		

Sample: GP-12, S-1 **Lab ID: 40120173005** Collected: 08/26/15 19:05 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/27/15 13:45	08/28/15 00:43	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/27/15 13:45	08/28/15 00:43	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/27/15 13:45	08/28/15 00:43	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-12, S-1 **Lab ID: 40120173005** Collected: 08/26/15 19:05 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/27/15 13:45	08/28/15 00:43	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	99-87-6	W
Methylene Chloride	**36.9J**	ug/kg	62.6	26.1	1	08/27/15 13:45	08/28/15 00:43	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/27/15 13:45	08/28/15 00:43	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	79-34-5	W
Tetrachloroethene	**142**	ug/kg	62.6	26.1	1	08/27/15 13:45	08/28/15 00:43	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/27/15 13:45	08/28/15 00:43	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-12, S-1 **Lab ID: 40120173005** Collected: 08/26/15 19:05 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/27/15 13:45	08/28/15 00:43	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 00:43	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	109	%	49-157		1	08/27/15 13:45	08/28/15 00:43	1868-53-7	
Toluene-d8 (S)	116	%	61-148		1	08/27/15 13:45	08/28/15 00:43	2037-26-5	
4-Bromofluorobenzene (S)	102	%	53-134		1	08/27/15 13:45	08/28/15 00:43	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**4.2**	%	0.10	0.10	1		08/28/15 09:14		

Sample: GP-13, S-1 **Lab ID: 40120173006** Collected: 08/26/15 18:55 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/27/15 13:45	08/28/15 01:06	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/27/15 13:45	08/28/15 01:06	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/27/15 13:45	08/28/15 01:06	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/27/15 13:45	08/28/15 01:06	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-13, S-1 **Lab ID: 40120173006** Collected: 08/26/15 18:55 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	99-87-6	W
Methylene Chloride	**49.3J**	ug/kg	63.5	26.5	1	08/27/15 13:45	08/28/15 01:06	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	1634-04-4	W
Naphthalene	**66.0J**	ug/kg	265	42.4	1	08/27/15 13:45	08/28/15 01:06	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	79-34-5	W
Tetrachloroethene	**67.1**	ug/kg	63.5	26.5	1	08/27/15 13:45	08/28/15 01:06	127-18-4	
Toluene	**45.3J**	ug/kg	63.5	26.5	1	08/27/15 13:45	08/28/15 01:06	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/27/15 13:45	08/28/15 01:06	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	96-18-4	W
1,2,4-Trimethylbenzene	**36.6J**	ug/kg	63.5	26.5	1	08/27/15 13:45	08/28/15 01:06	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:06	75-01-4	W
m&p-Xylene	**61.4J**	ug/kg	127	52.9	1	08/27/15 13:45	08/28/15 01:06	179601-23-1	
o-Xylene	**47.4J**	ug/kg	63.5	26.5	1	08/27/15 13:45	08/28/15 01:06	95-47-6	
Surrogates									
Dibromofluoromethane (S)	113	%	49-157		1	08/27/15 13:45	08/28/15 01:06	1868-53-7	
Toluene-d8 (S)	120	%	61-148		1	08/27/15 13:45	08/28/15 01:06	2037-26-5	
4-Bromofluorobenzene (S)	106	%	53-134		1	08/27/15 13:45	08/28/15 01:06	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.5**	%	0.10	0.10	1		08/28/15 09:14		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-14, S-1 **Lab ID: 40120173007** Collected: 08/26/15 18:45 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/27/15 13:45	08/28/15 01:29	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/27/15 13:45	08/28/15 01:29	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/27/15 13:45	08/28/15 01:29	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/27/15 13:45	08/28/15 01:29	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	99-87-6	W
Methylene Chloride	**60.7J**	ug/kg	65.3	27.2	1	08/27/15 13:45	08/28/15 01:29	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/27/15 13:45	08/28/15 01:29	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-14, S-1 **Lab ID: 40120173007** Collected: 08/26/15 18:45 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/27/15 13:45	08/28/15 01:29	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/27/15 13:45	08/28/15 01:29	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:29	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%	49-157		1	08/27/15 13:45	08/28/15 01:29	1868-53-7	
Toluene-d8 (S)	111	%	61-148		1	08/27/15 13:45	08/28/15 01:29	2037-26-5	
4-Bromofluorobenzene (S)	98	%	53-134		1	08/27/15 13:45	08/28/15 01:29	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.1**	%	0.10	0.10	1		08/28/15 09:14		

Sample: GP-15, S-1 **Lab ID: 40120173008** Collected: 08/26/15 18:35 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/27/15 13:45	08/28/15 01:52	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/27/15 13:45	08/28/15 01:52	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/27/15 13:45	08/28/15 01:52	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-15, S-1 **Lab ID: 40120173008** Collected: 08/26/15 18:35 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/27/15 13:45	08/28/15 01:52	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	99-87-6	W
Methylene Chloride	**40.8J**	ug/kg	63.4	26.4	1	08/27/15 13:45	08/28/15 01:52	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/27/15 13:45	08/28/15 01:52	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/27/15 13:45	08/28/15 01:52	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-15, S-1 **Lab ID: 40120173008** Collected: 08/26/15 18:35 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/27/15 13:45	08/28/15 01:52	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 01:52	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	114	%	49-157		1	08/27/15 13:45	08/28/15 01:52	1868-53-7	
Toluene-d8 (S)	112	%	61-148		1	08/27/15 13:45	08/28/15 01:52	2037-26-5	
4-Bromofluorobenzene (S)	101	%	53-134		1	08/27/15 13:45	08/28/15 01:52	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.3**	%	0.10	0.10	1		08/28/15 09:14		

Sample: GP-16, S-1 **Lab ID: 40120173009** Collected: 08/26/15 18:25 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	08/27/15 13:45	08/28/15 02:16	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	08/27/15 13:45	08/28/15 02:16	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	08/27/15 13:45	08/28/15 02:16	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	08/27/15 13:45	08/28/15 02:16	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Sample: GP-16, S-1 **Lab ID: 40120173009** Collected: 08/26/15 18:25 Received: 08/27/15 08:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	99-87-6	W
Methylene Chloride	**45.9J**	ug/kg	65.0	27.1	1	08/27/15 13:45	08/28/15 02:16	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	08/27/15 13:45	08/28/15 02:16	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	08/27/15 13:45	08/28/15 02:16	120-82-1	W
1,1,1-Trichloroethane	**231**	ug/kg	65.0	27.1	1	08/27/15 13:45	08/28/15 02:16	71-55-6	
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/27/15 13:45	08/28/15 02:16	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/27/15 13:45	08/28/15 02:16	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	119	%	49-157		1	08/27/15 13:45	08/28/15 02:16	1868-53-7	
Toluene-d8 (S)	120	%	61-148		1	08/27/15 13:45	08/28/15 02:16	2037-26-5	
4-Bromofluorobenzene (S)	103	%	53-134		1	08/27/15 13:45	08/28/15 02:16	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.6**	%	0.10	0.10	1		08/28/15 09:15		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

QC Batch: MSV/29945 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40120173001, 40120173002, 40120173003, 40120173004, 40120173005, 40120173006, 40120173007, 40120173008, 40120173009

METHOD BLANK: 1212188 Matrix: Solid
Associated Lab Samples: 40120173001, 40120173002, 40120173003, 40120173004, 40120173005, 40120173006, 40120173007, 40120173008, 40120173009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/27/15 19:42	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/27/15 19:42	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/27/15 19:42	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/27/15 19:42	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/27/15 19:42	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/27/15 19:42	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/27/15 19:42	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/27/15 19:42	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/27/15 19:42	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/27/15 19:42	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/27/15 19:42	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/27/15 19:42	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/27/15 19:42	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/27/15 19:42	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/27/15 19:42	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/27/15 19:42	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/27/15 19:42	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/27/15 19:42	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/27/15 19:42	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/27/15 19:42	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/27/15 19:42	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/27/15 19:42	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/27/15 19:42	
Benzene	ug/kg	<9.2	20.0	08/27/15 19:42	
Bromobenzene	ug/kg	<20.6	50.0	08/27/15 19:42	
Bromochloromethane	ug/kg	<21.4	50.0	08/27/15 19:42	
Bromodichloromethane	ug/kg	<9.8	50.0	08/27/15 19:42	
Bromoform	ug/kg	<19.8	50.0	08/27/15 19:42	
Bromomethane	ug/kg	<69.9	250	08/27/15 19:42	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/27/15 19:42	
Chlorobenzene	ug/kg	<14.8	50.0	08/27/15 19:42	
Chloroethane	ug/kg	<67.0	250	08/27/15 19:42	
Chloroform	ug/kg	<46.4	250	08/27/15 19:42	
Chloromethane	ug/kg	<20.4	50.0	08/27/15 19:42	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/27/15 19:42	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/27/15 19:42	
Dibromochloromethane	ug/kg	<17.9	50.0	08/27/15 19:42	
Dibromomethane	ug/kg	<19.3	50.0	08/27/15 19:42	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/27/15 19:42	
Diisopropyl ether	ug/kg	<17.7	50.0	08/27/15 19:42	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

METHOD BLANK: 1212188 Matrix: Solid

Associated Lab Samples: 40120173001, 40120173002, 40120173003, 40120173004, 40120173005, 40120173006, 40120173007, 40120173008, 40120173009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	08/27/15 19:42	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/27/15 19:42	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/27/15 19:42	
m&p-Xylene	ug/kg	<34.4	100	08/27/15 19:42	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/27/15 19:42	
Methylene Chloride	ug/kg	40.5J	50.0	08/27/15 19:42	
n-Butylbenzene	ug/kg	<10.5	50.0	08/27/15 19:42	
n-Propylbenzene	ug/kg	<11.6	50.0	08/27/15 19:42	
Naphthalene	ug/kg	<40.0	250	08/27/15 19:42	
o-Xylene	ug/kg	<14.0	50.0	08/27/15 19:42	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/27/15 19:42	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/27/15 19:42	
Styrene	ug/kg	<9.0	50.0	08/27/15 19:42	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/27/15 19:42	
Tetrachloroethene	ug/kg	<12.9	50.0	08/27/15 19:42	
Toluene	ug/kg	<11.2	50.0	08/27/15 19:42	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/27/15 19:42	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/27/15 19:42	
Trichloroethene	ug/kg	<23.6	50.0	08/27/15 19:42	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/27/15 19:42	
Vinyl chloride	ug/kg	<21.1	50.0	08/27/15 19:42	
4-Bromofluorobenzene (S)	%	92	53-134	08/27/15 19:42	
Dibromofluoromethane (S)	%	103	49-157	08/27/15 19:42	
Toluene-d8 (S)	%	106	61-148	08/27/15 19:42	

LABORATORY CONTROL SAMPLE & LCSD: 1212189 1212190

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	2050	2180	82	87	70-130	6	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2590	2700	104	108	70-130	4	20	
1,1,2-Trichloroethane	ug/kg	2500	2620	2670	105	107	70-130	2	20	
1,1-Dichloroethane	ug/kg	2500	2630	2760	105	110	70-130	5	20	
1,1-Dichloroethene	ug/kg	2500	2270	2440	91	97	70-132	7	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2480	2630	99	105	70-130	6	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1800	1920	72	77	45-150	6	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2590	2640	104	106	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	2500	2600	2790	104	111	70-130	7	20	
1,2-Dichloroethane	ug/kg	2500	2660	2740	107	110	70-134	3	20	
1,2-Dichloropropane	ug/kg	2500	2690	2690	108	107	70-130	0	20	
1,3-Dichlorobenzene	ug/kg	2500	2580	2630	103	105	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	2500	2520	2590	101	104	70-130	3	20	
Benzene	ug/kg	2500	2590	2700	104	108	70-130	4	20	
Bromodichloromethane	ug/kg	2500	2220	2310	89	92	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

LABORATORY CONTROL SAMPLE & LCSD: 1212189 1212190

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Bromoform	ug/kg	2500	1900	2070	76	83	48-130	8	20	
Bromomethane	ug/kg	2500	2150	2130	86	85	70-169	1	20	
Carbon tetrachloride	ug/kg	2500	1960	2110	79	84	67-130	7	20	
Chlorobenzene	ug/kg	2500	2640	2740	106	109	70-130	4	20	
Chloroethane	ug/kg	2500	2380	2340	95	94	70-191	2	20	
Chloroform	ug/kg	2500	2410	2490	96	100	70-130	3	20	
Chloromethane	ug/kg	2500	1790	1790	72	72	52-132	0	20	
cis-1,2-Dichloroethene	ug/kg	2500	2400	2580	96	103	70-130	7	20	
cis-1,3-Dichloropropene	ug/kg	2500	2110	2230	84	89	70-130	5	20	
Dibromochloromethane	ug/kg	2500	2080	2190	83	87	65-130	5	20	
Dichlorodifluoromethane	ug/kg	2500	902	950	36	38	12-150	5	20	
Ethylbenzene	ug/kg	2500	2500	2570	100	103	70-130	3	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2560	2590	103	104	70-130	1	20	
m&p-Xylene	ug/kg	5000	5310	5350	106	107	70-130	1	20	
Methyl-tert-butyl ether	ug/kg	2500	2550	2680	102	107	70-130	5	20	
Methylene Chloride	ug/kg	2500	2690	2740	108	109	70-131	2	20	
o-Xylene	ug/kg	2500	2650	2660	106	107	70-130	1	20	
Styrene	ug/kg	2500	2640	2660	106	107	70-130	1	20	
Tetrachloroethene	ug/kg	2500	2420	2530	97	101	70-130	4	20	
Toluene	ug/kg	2500	2650	2700	106	108	70-130	2	20	
trans-1,2-Dichloroethene	ug/kg	2500	2670	2740	107	110	69-130	2	20	
trans-1,3-Dichloropropene	ug/kg	2500	2010	2120	80	85	65-130	5	20	
Trichloroethene	ug/kg	2500	2490	2520	99	101	70-130	1	20	
Trichlorofluoromethane	ug/kg	2500	1780	1800	71	72	50-150	1	20	
Vinyl chloride	ug/kg	2500	1910	1930	76	77	67-134	1	20	
4-Bromofluorobenzene (S)	%				92	93	53-134			
Dibromofluoromethane (S)	%				101	104	49-157			
Toluene-d8 (S)	%				102	105	61-148			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

QC Batch: PMST/11695 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40120173001, 40120173002, 40120173003, 40120173004, 40120173005, 40120173006, 40120173007, 40120173008, 40120173009

SAMPLE DUPLICATE: 1212520

Parameter	Units	40120229001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.9	20.3	2	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/29950

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
W	Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120173

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40120173001	**GP-8, S-1**	EPA 5035/5030B	MSV/29945	EPA 8260	MSV/29950
40120173002	**GP-9, S-1**	EPA 5035/5030B	MSV/29945	EPA 8260	MSV/29950
40120173003	**GP-10, S-1**	EPA 5035/5030B	MSV/29945	EPA 8260	MSV/29950
40120173004	**GP-11, S-1**	EPA 5035/5030B	MSV/29945	EPA 8260	MSV/29950
40120173005	**GP-12, S-1**	EPA 5035/5030B	MSV/29945	EPA 8260	MSV/29950
40120173006	**GP-13, S-1**	EPA 5035/5030B	MSV/29945	EPA 8260	MSV/29950
40120173007	**GP-14, S-1**	EPA 5035/5030B	MSV/29945	EPA 8260	MSV/29950
40120173008	**GP-15, S-1**	EPA 5035/5030B	MSV/29945	EPA 8260	MSV/29950
40120173009	**GP-16, S-1**	EPA 5035/5030B	MSV/29945	EPA 8260	MSV/29950
40120173001	**GP-8, S-1**	ASTM D2974-87	PMST/11695		
40120173002	**GP-9, S-1**	ASTM D2974-87	PMST/11695		
40120173003	**GP-10, S-1**	ASTM D2974-87	PMST/11695		
40120173004	**GP-11, S-1**	ASTM D2974-87	PMST/11695		
40120173005	**GP-12, S-1**	ASTM D2974-87	PMST/11695		
40120173006	**GP-13, S-1**	ASTM D2974-87	PMST/11695		
40120173007	**GP-14, S-1**	ASTM D2974-87	PMST/11695		
40120173008	**GP-15, S-1**	ASTM D2974-87	PMST/11695		
40120173009	**GP-16, S-1**	ASTM D2974-87	PMST/11695		

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

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EM

40120173

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:	Mach IV Eng
Branch/Location:	
Project Contact:	Chad Fradette
Phone:	920 615 0019
Project Number:	0969-01-15
Project Name:	Lockwood
Project State:	WI
Sampled By (Print):	Chad M Fradette
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	Mach IV Eng
Mail To Address:	211 N Broadway Ste 114 Green Bay WI 54303
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, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	GP-8, S-1	8/26/15	1945	S	—	F	X		1-40zpA 1-40mlvF	
002	GP-9, S-1		1935							
003	GP-10, S-1		1925							
004	GP-11, S-1		1915							
005	GP-12, S-1		1905							
006	GP-13, S-1		1855							
007	GP-14, S-1		1845							
008	GP-15, S-1		1835							
009	GP-16, S-1	☆	1825	☆			☆			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 8/28/15

Transmit Prelim Rush Results by (complete what you want):
Email #1: if possible
Email #2:
Telephone:
Fax:

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
Chad M Fradette	8/27/15 0600		
	8/27/15 0820	Juan K Wylo	8/27/15 0820

PACE Project No. 40120173
Receipt Temp = 1.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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

Pace Analytical™

Client Name: Mach IV

Project # **WO# : 40120173**

40120173

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

Tracking #: _____

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

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

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

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

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

Temp Blank Present: ☐ yes ☒ no

Person examining contents:
Date: 8-27-15 SW
Initials: _____

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

				Comments:
Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☒No	☐N/A	6.
Rush Turn Around Time Requested:	☒Yes	☐No	☐N/A	7. 8/28/15 TAT 8-27-15 SW
Sufficient Volume:	☒Yes	☐No	☐N/A	8.
Correct Containers Used:	☒Yes	☐No	☐N/A	9.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☒N/A	
Containers Intact:	☒Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11.
Sample Labels match COC:	☐Yes	☒No	☐N/A	12. No collect time on all samples. 8-27-15 SW
-Includes date/time/ID/Analysis Matrix: S				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☒N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☒Yes	☐No		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☒N/A	14.
Trip Blank Present:	☐Yes	☐No	☒N/A	15.
Trip Blank Custody Seals Present	☐Yes	☐No	☒N/A	
Pace Trip Blank Lot # (if purchased):				

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 8-27-15

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September 14, 2015

Chad Fradette
Mach IV Engineering & Surveying
211 N. Broadway
Suite 114
Green Bay, WI 54303

RE: Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Dear Chad Fradette:
Enclosed are the analytical results for sample(s) received by the laboratory on September 10, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

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
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40120874001	**TP-1, S-3**	Solid	09/10/15 08:40	09/10/15 12:17
40120874002	**TP-1, S-4**	Solid	09/10/15 08:50	09/10/15 12:17
40120874003	**TP-2, S-3**	Solid	09/10/15 09:00	09/10/15 12:17
40120874004	**TP-2, S-4**	Solid	09/10/15 09:10	09/10/15 12:17
40120874005	**TP-3, S-3**	Solid	09/10/15 09:20	09/10/15 12:17
40120874006	**TP-3, S-4**	Solid	09/10/15 09:30	09/10/15 12:17
40120874007	**TP-4, S-3**	Solid	09/10/15 09:40	09/10/15 12:17
40120874008	**TP-4, S-1**	Solid	09/10/15 09:50	09/10/15 12:17
40120874009	**SB-1, S-1**	Solid	09/10/15 10:00	09/10/15 12:17
40120874010	**SB-2, S-1**	Solid	09/10/15 10:10	09/10/15 12:17

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SAMPLE ANALYTE COUNT

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40120874001	**TP-1, S-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMM	1	PASI-G
40120874002	**TP-1, S-4**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMM	1	PASI-G
40120874003	**TP-2, S-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMM	1	PASI-G
40120874004	**TP-2, S-4**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMM	1	PASI-G
40120874005	**TP-3, S-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMM	1	PASI-G
40120874006	**TP-3, S-4**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMM	1	PASI-G
40120874007	**TP-4, S-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMM	1	PASI-G
40120874008	**TP-4, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMM	1	PASI-G
40120874009	**SB-1, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMM	1	PASI-G
40120874010	**SB-2, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMM	1	PASI-G

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PROJECT NARRATIVE

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Method: **EPA 8260**
Description: 8260 MSV Med Level Normal List
Client: Mach IV Engineering
Date: September 14, 2015

General Information:
10 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, 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.

Additional Comments:

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

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ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-1, S-3 **Lab ID: 40120874001** Collected: 09/10/15 08:40 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/11/15 07:15	09/11/15 11:35	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/11/15 07:15	09/11/15 11:35	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/11/15 07:15	09/11/15 11:35	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/11/15 07:15	09/11/15 11:35	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/11/15 07:15	09/11/15 11:35	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	100-42-5	W

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ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-1, S-3 **Lab ID: 40120874001** Collected: 09/10/15 08:40 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/11/15 07:15	09/11/15 11:35	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/11/15 07:15	09/11/15 11:35	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:35	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%	49-157		1	09/11/15 07:15	09/11/15 11:35	1868-53-7	
Toluene-d8 (S)	117	%	61-148		1	09/11/15 07:15	09/11/15 11:35	2037-26-5	
4-Bromofluorobenzene (S)	100	%	53-134		1	09/11/15 07:15	09/11/15 11:35	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.3**	%	0.10	0.10	1		09/12/15 12:46		

Sample: TP-1, S-4 **Lab ID: 40120874002** Collected: 09/10/15 08:50 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/11/15 07:15	09/11/15 11:58	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/11/15 07:15	09/11/15 11:58	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/11/15 07:15	09/11/15 11:58	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-1, S-4 **Lab ID: 40120874002** Collected: 09/10/15 08:50 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/11/15 07:15	09/11/15 11:58	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/11/15 07:15	09/11/15 11:58	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/11/15 07:15	09/11/15 11:58	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-1, S-4 **Lab ID: 40120874002** Collected: 09/10/15 08:50 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/11/15 07:15	09/11/15 11:58	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 11:58	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	116	%	49-157		1	09/11/15 07:15	09/11/15 11:58	1868-53-7	
Toluene-d8 (S)	126	%	61-148		1	09/11/15 07:15	09/11/15 11:58	2037-26-5	
4-Bromofluorobenzene (S)	104	%	53-134		1	09/11/15 07:15	09/11/15 11:58	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**36.7**	%	0.10	0.10	1		09/12/15 12:46		

Sample: TP-2, S-3 **Lab ID: 40120874003** Collected: 09/10/15 09:00 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/11/15 07:15	09/11/15 12:21	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/11/15 07:15	09/11/15 12:21	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/11/15 07:15	09/11/15 12:21	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/11/15 07:15	09/11/15 12:21	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-2, S-3 **Lab ID: 40120874003** Collected: 09/10/15 09:00 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/11/15 07:15	09/11/15 12:21	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	79-34-5	W
Tetrachloroethene	**46.6J**	ug/kg	63.8	26.6	1	09/11/15 07:15	09/11/15 12:21	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/11/15 07:15	09/11/15 12:21	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/11/15 07:15	09/11/15 12:21	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:21	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%	49-157		1	09/11/15 07:15	09/11/15 12:21	1868-53-7	
Toluene-d8 (S)	118	%	61-148		1	09/11/15 07:15	09/11/15 12:21	2037-26-5	
4-Bromofluorobenzene (S)	101	%	53-134		1	09/11/15 07:15	09/11/15 12:21	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.0**	%	0.10	0.10	1		09/12/15 12:46		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-2, S-4 **Lab ID: 40120874004** Collected: 09/10/15 09:10 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/11/15 07:15	09/11/15 12:44	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/11/15 07:15	09/11/15 12:44	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/11/15 07:15	09/11/15 12:44	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/11/15 07:15	09/11/15 12:44	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/11/15 07:15	09/11/15 12:44	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-2, S-4 **Lab ID: 40120874004** Collected: 09/10/15 09:10 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/11/15 07:15	09/11/15 12:44	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/11/15 07:15	09/11/15 12:44	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 12:44	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	110	%	49-157		1	09/11/15 07:15	09/11/15 12:44	1868-53-7	
Toluene-d8 (S)	114	%	61-148		1	09/11/15 07:15	09/11/15 12:44	2037-26-5	
4-Bromofluorobenzene (S)	98	%	53-134		1	09/11/15 07:15	09/11/15 12:44	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.1**	%	0.10	0.10	1		09/12/15 12:47		

Sample: TP-3, S-3 **Lab ID: 40120874005** Collected: 09/10/15 09:20 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/11/15 07:15	09/11/15 13:07	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/11/15 07:15	09/11/15 13:07	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/11/15 07:15	09/11/15 13:07	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-3, S-3 **Lab ID: 40120874005** Collected: 09/10/15 09:20 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/11/15 07:15	09/11/15 13:07	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/11/15 07:15	09/11/15 13:07	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	79-34-5	W
Tetrachloroethene	**544**	ug/kg	71.6	29.9	1	09/11/15 07:15	09/11/15 13:07	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/11/15 07:15	09/11/15 13:07	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-3, S-3 **Lab ID: 40120874005** Collected: 09/10/15 09:20 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/11/15 07:15	09/11/15 13:07	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:07	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	100	%	49-157		1	09/11/15 07:15	09/11/15 13:07	1868-53-7	
Toluene-d8 (S)	109	%	61-148		1	09/11/15 07:15	09/11/15 13:07	2037-26-5	
4-Bromofluorobenzene (S)	94	%	53-134		1	09/11/15 07:15	09/11/15 13:07	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.3**	%	0.10	0.10	1		09/12/15 12:47		

Sample: TP-3, S-4 **Lab ID: 40120874006** Collected: 09/10/15 09:30 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/11/15 07:15	09/11/15 13:30	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/11/15 07:15	09/11/15 13:30	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/11/15 07:15	09/11/15 13:30	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/11/15 07:15	09/11/15 13:30	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-3, S-4 **Lab ID: 40120874006** Collected: 09/10/15 09:30 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/11/15 07:15	09/11/15 13:30	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/11/15 07:15	09/11/15 13:30	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/11/15 07:15	09/11/15 13:30	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:30	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	111	%	49-157		1	09/11/15 07:15	09/11/15 13:30	1868-53-7	
Toluene-d8 (S)	116	%	61-148		1	09/11/15 07:15	09/11/15 13:30	2037-26-5	
4-Bromofluorobenzene (S)	99	%	53-134		1	09/11/15 07:15	09/11/15 13:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.0**	%	0.10	0.10	1		09/12/15 12:47		

REPORT OF LABORATORY ANALYSIS

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

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-4, S-3 **Lab ID: 40120874007** Collected: 09/10/15 09:40 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/11/15 07:15	09/11/15 13:54	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/11/15 07:15	09/11/15 13:54	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/11/15 07:15	09/11/15 13:54	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/11/15 07:15	09/11/15 13:54	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/11/15 07:15	09/11/15 13:54	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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(920)469-2436

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-4, S-3 **Lab ID: 40120874007** Collected: 09/10/15 09:40 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/11/15 07:15	09/11/15 13:54	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/11/15 07:15	09/11/15 13:54	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 13:54	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	116	%	49-157		1	09/11/15 07:15	09/11/15 13:54	1868-53-7	
Toluene-d8 (S)	122	%	61-148		1	09/11/15 07:15	09/11/15 13:54	2037-26-5	
4-Bromofluorobenzene (S)	105	%	53-134		1	09/11/15 07:15	09/11/15 13:54	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.8**	%	0.10	0.10	1		09/12/15 12:47		

Sample: TP-4, S-1 **Lab ID: 40120874008** Collected: 09/10/15 09:50 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/11/15 07:15	09/11/15 14:17	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/11/15 07:15	09/11/15 14:17	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/11/15 07:15	09/11/15 14:17	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-4, S-1 **Lab ID: 40120874008** Collected: 09/10/15 09:50 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/11/15 07:15	09/11/15 14:17	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/11/15 07:15	09/11/15 14:17	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/11/15 07:15	09/11/15 14:17	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: TP-4, S-1 **Lab ID: 40120874008** Collected: 09/10/15 09:50 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/11/15 07:15	09/11/15 14:17	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:17	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	106	%	49-157		1	09/11/15 07:15	09/11/15 14:17	1868-53-7	
Toluene-d8 (S)	114	%	61-148		1	09/11/15 07:15	09/11/15 14:17	2037-26-5	
4-Bromofluorobenzene (S)	99	%	53-134		1	09/11/15 07:15	09/11/15 14:17	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.0**	%	0.10	0.10	1		09/12/15 12:47		

Sample: SB-1, S-1 **Lab ID: 40120874009** Collected: 09/10/15 10:00 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/11/15 07:15	09/11/15 14:40	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/11/15 07:15	09/11/15 14:40	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/11/15 07:15	09/11/15 14:40	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/11/15 07:15	09/11/15 14:40	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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(920)469-2436

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: SB-1, S-1 **Lab ID: 40120874009** Collected: 09/10/15 10:00 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/11/15 07:15	09/11/15 14:40	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	79-34-5	W
Tetrachloroethene	**178**	ug/kg	62.9	26.2	1	09/11/15 07:15	09/11/15 14:40	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/11/15 07:15	09/11/15 14:40	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/11/15 07:15	09/11/15 14:40	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 14:40	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	110	%	49-157		1	09/11/15 07:15	09/11/15 14:40	1868-53-7	
Toluene-d8 (S)	121	%	61-148		1	09/11/15 07:15	09/11/15 14:40	2037-26-5	
4-Bromofluorobenzene (S)	105	%	53-134		1	09/11/15 07:15	09/11/15 14:40	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**4.5**	%	0.10	0.10	1		09/12/15 12:47		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: SB-2, S-1 **Lab ID: 40120874010** Collected: 09/10/15 10:10 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/11/15 07:15	09/11/15 15:03	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/11/15 07:15	09/11/15 15:03	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/11/15 07:15	09/11/15 15:03	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/11/15 07:15	09/11/15 15:03	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/11/15 07:15	09/11/15 15:03	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Sample: SB-2, S-1 **Lab ID: 40120874010** Collected: 09/10/15 10:10 Received: 09/10/15 12:17 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	79-34-5	W
Tetrachloroethene	**3030**	ug/kg	62.1	25.9	1	09/11/15 07:15	09/11/15 15:03	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/11/15 07:15	09/11/15 15:03	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/11/15 07:15	09/11/15 15:03	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/11/15 07:15	09/11/15 15:03	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	105	%	49-157		1	09/11/15 07:15	09/11/15 15:03	1868-53-7	
Toluene-d8 (S)	112	%	61-148		1	09/11/15 07:15	09/11/15 15:03	2037-26-5	
4-Bromofluorobenzene (S)	96	%	53-134		1	09/11/15 07:15	09/11/15 15:03	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.4**	%	0.10	0.10	1		09/12/15 12:47		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

QC Batch: MSV/30111 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40120874001, 40120874002, 40120874003, 40120874004, 40120874005, 40120874006, 40120874007, 40120874008, 40120874009, 40120874010

METHOD BLANK: 1219003 Matrix: Solid
Associated Lab Samples: 40120874001, 40120874002, 40120874003, 40120874004, 40120874005, 40120874006, 40120874007, 40120874008, 40120874009, 40120874010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	09/11/15 08:53	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	09/11/15 08:53	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	09/11/15 08:53	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	09/11/15 08:53	
1,1-Dichloroethane	ug/kg	<17.6	50.0	09/11/15 08:53	
1,1-Dichloroethene	ug/kg	<17.6	50.0	09/11/15 08:53	
1,1-Dichloropropene	ug/kg	<14.0	50.0	09/11/15 08:53	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	09/11/15 08:53	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	09/11/15 08:53	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	09/11/15 08:53	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	09/11/15 08:53	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	09/11/15 08:53	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	09/11/15 08:53	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	09/11/15 08:53	
1,2-Dichloroethane	ug/kg	<15.0	50.0	09/11/15 08:53	
1,2-Dichloropropane	ug/kg	<16.8	50.0	09/11/15 08:53	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	09/11/15 08:53	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	09/11/15 08:53	
1,3-Dichloropropane	ug/kg	<12.0	50.0	09/11/15 08:53	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	09/11/15 08:53	
2,2-Dichloropropane	ug/kg	<12.6	50.0	09/11/15 08:53	
2-Chlorotoluene	ug/kg	<15.8	50.0	09/11/15 08:53	
4-Chlorotoluene	ug/kg	<13.0	50.0	09/11/15 08:53	
Benzene	ug/kg	<9.2	20.0	09/11/15 08:53	
Bromobenzene	ug/kg	<20.6	50.0	09/11/15 08:53	
Bromochloromethane	ug/kg	<21.4	50.0	09/11/15 08:53	
Bromodichloromethane	ug/kg	<9.8	50.0	09/11/15 08:53	
Bromoform	ug/kg	<19.8	50.0	09/11/15 08:53	
Bromomethane	ug/kg	<69.9	250	09/11/15 08:53	
Carbon tetrachloride	ug/kg	<12.1	50.0	09/11/15 08:53	
Chlorobenzene	ug/kg	<14.8	50.0	09/11/15 08:53	
Chloroethane	ug/kg	<67.0	250	09/11/15 08:53	
Chloroform	ug/kg	<46.4	250	09/11/15 08:53	
Chloromethane	ug/kg	<20.4	50.0	09/11/15 08:53	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	09/11/15 08:53	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	09/11/15 08:53	
Dibromochloromethane	ug/kg	<17.9	50.0	09/11/15 08:53	
Dibromomethane	ug/kg	<19.3	50.0	09/11/15 08:53	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	09/11/15 08:53	
Diisopropyl ether	ug/kg	<17.7	50.0	09/11/15 08:53	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

METHOD BLANK: 1219003 Matrix: Solid

Associated Lab Samples: 40120874001, 40120874002, 40120874003, 40120874004, 40120874005, 40120874006, 40120874007, 40120874008, 40120874009, 40120874010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	09/11/15 08:53	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	09/11/15 08:53	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	09/11/15 08:53	
m&p-Xylene	ug/kg	<34.4	100	09/11/15 08:53	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	09/11/15 08:53	
Methylene Chloride	ug/kg	<16.2	50.0	09/11/15 08:53	
n-Butylbenzene	ug/kg	<10.5	50.0	09/11/15 08:53	
n-Propylbenzene	ug/kg	<11.6	50.0	09/11/15 08:53	
Naphthalene	ug/kg	<40.0	250	09/11/15 08:53	
o-Xylene	ug/kg	<14.0	50.0	09/11/15 08:53	
p-Isopropyltoluene	ug/kg	<12.0	50.0	09/11/15 08:53	
sec-Butylbenzene	ug/kg	<11.9	50.0	09/11/15 08:53	
Styrene	ug/kg	<9.0	50.0	09/11/15 08:53	
tert-Butylbenzene	ug/kg	<9.5	50.0	09/11/15 08:53	
Tetrachloroethene	ug/kg	<12.9	50.0	09/11/15 08:53	
Toluene	ug/kg	<11.2	50.0	09/11/15 08:53	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	09/11/15 08:53	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	09/11/15 08:53	
Trichloroethene	ug/kg	<23.6	50.0	09/11/15 08:53	
Trichlorofluoromethane	ug/kg	<24.7	50.0	09/11/15 08:53	
Vinyl chloride	ug/kg	<21.1	50.0	09/11/15 08:53	
4-Bromofluorobenzene (S)	%	93	53-134	09/11/15 08:53	
Dibromofluoromethane (S)	%	98	49-157	09/11/15 08:53	
Toluene-d8 (S)	%	106	61-148	09/11/15 08:53	

LABORATORY CONTROL SAMPLE: 1219004

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2030	81	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2470	99	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2650	106	70-130	
1,1-Dichloroethane	ug/kg	2500	2670	107	70-130	
1,1-Dichloroethene	ug/kg	2500	2410	96	70-132	
1,2,4-Trichlorobenzene	ug/kg	2500	2450	98	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1660	66	45-150	
1,2-Dibromoethane (EDB)	ug/kg	2500	2530	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2600	104	70-130	
1,2-Dichloroethane	ug/kg	2500	2570	103	70-134	
1,2-Dichloropropane	ug/kg	2500	2800	112	70-130	
1,3-Dichlorobenzene	ug/kg	2500	2640	106	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2520	101	70-130	
Benzene	ug/kg	2500	2550	102	70-130	
Bromodichloromethane	ug/kg	2500	2260	91	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

LABORATORY CONTROL SAMPLE: 1219004

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	1900	76	48-130	
Bromomethane	ug/kg	2500	2470	99	70-169	
Carbon tetrachloride	ug/kg	2500	1940	78	67-130	
Chlorobenzene	ug/kg	2500	2590	104	70-130	
Chloroethane	ug/kg	2500	2700	108	70-191	
Chloroform	ug/kg	2500	2380	95	70-130	
Chloromethane	ug/kg	2500	2100	84	52-132	
cis-1,2-Dichloroethene	ug/kg	2500	2410	96	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2220	89	70-130	
Dibromochloromethane	ug/kg	2500	2120	85	65-130	
Dichlorodifluoromethane	ug/kg	2500	1100	44	12-150	
Ethylbenzene	ug/kg	2500	2500	100	70-130	
Isopropylbenzene (Cumene)	ug/kg	2500	2500	100	70-130	
m&p-Xylene	ug/kg	5000	5230	105	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2500	100	70-130	
Methylene Chloride	ug/kg	2500	2690	108	70-131	
o-Xylene	ug/kg	2500	2650	106	70-130	
Styrene	ug/kg	2500	2600	104	70-130	
Tetrachloroethene	ug/kg	2500	2360	94	70-130	
Toluene	ug/kg	2500	2680	107	70-130	
trans-1,2-Dichloroethene	ug/kg	2500	2660	106	69-130	
trans-1,3-Dichloropropene	ug/kg	2500	1960	79	65-130	
Trichloroethene	ug/kg	2500	2520	101	70-130	
Trichlorofluoromethane	ug/kg	2500	1950	78	50-150	
Vinyl chloride	ug/kg	2500	2080	83	67-134	
4-Bromofluorobenzene (S)	%			90	53-134	
Dibromofluoromethane (S)	%			101	49-157	
Toluene-d8 (S)	%			103	61-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1219005 1219006

Parameter	Units	40120874001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	2710	2710	2170	2150	80	79	63-130	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	2710	2710	2680	2640	99	97	57-136	2	20	
1,1,2-Trichloroethane	ug/kg	<25.0	2710	2710	2790	2780	103	102	70-130	0	20	
1,1-Dichloroethane	ug/kg	<25.0	2710	2710	2900	2830	107	104	62-131	3	23	
1,1-Dichloroethene	ug/kg	<25.0	2710	2710	2600	2500	96	92	42-137	4	20	
1,2,4-Trichlorobenzene	ug/kg	<47.6	2710	2710	2760	2590	101	95	59-137	6	21	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	2710	2710	1970	1840	72	68	33-150	7	25	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	2710	2710	2670	2640	98	97	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<25.0	2710	2710	2780	2670	102	98	70-130	4	20	
1,2-Dichloroethane	ug/kg	<25.0	2710	2710	2780	2640	102	97	68-134	5	20	
1,2-Dichloropropane	ug/kg	<25.0	2710	2710	2930	2940	108	108	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1219005 1219006

Parameter	Units	40120874001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/kg	<25.0	2710	2710	2750	2660	101	98	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	<25.0	2710	2710	2600	2660	96	98	69-130	2	20	
Benzene	ug/kg	<25.0	2710	2710	2790	2780	103	102	56-131	0	20	
Bromodichloromethane	ug/kg	<25.0	2710	2710	2410	2540	89	93	64-130	5	20	
Bromoform	ug/kg	<25.0	2710	2710	2190	2220	81	82	48-130	2	20	
Bromomethane	ug/kg	<69.9	2710	2710	3020	3020	111	111	18-169	0	23	
Carbon tetrachloride	ug/kg	<25.0	2710	2710	2130	2050	78	75	59-130	4	20	
Chlorobenzene	ug/kg	<25.0	2710	2710	2820	2780	104	103	70-130	1	20	
Chloroethane	ug/kg	<67.0	2710	2710	3120	3100	115	114	10-191	1	20	
Chloroform	ug/kg	<46.4	2710	2710	2550	2580	94	95	65-130	1	20	
Chloromethane	ug/kg	<25.0	2710	2710	3200	3110	118	114	36-132	3	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	2710	2710	2610	2550	96	94	59-136	2	24	
cis-1,3-Dichloropropene	ug/kg	<25.0	2710	2710	2330	2450	86	90	60-130	5	20	
Dibromochloromethane	ug/kg	<25.0	2710	2710	2340	2360	86	87	59-130	1	20	
Dichlorodifluoromethane	ug/kg	<25.0	2710	2710	2590	2380	95	88	10-150	8	27	
Ethylbenzene	ug/kg	<25.0	2710	2710	2640	2530	97	93	64-130	4	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	2710	2710	2600	2520	96	93	69-138	3	20	
m&p-Xylene	ug/kg	<50.0	5420	5420	5520	5450	102	100	61-130	1	20	
Methyl-tert-butyl ether	ug/kg	<25.0	2710	2710	2790	2680	103	99	52-134	4	20	
Methylene Chloride	ug/kg	<25.0	2710	2710	2950	2910	109	107	61-131	1	20	
o-Xylene	ug/kg	<25.0	2710	2710	2720	2690	100	99	63-130	1	20	
Styrene	ug/kg	<25.0	2710	2710	2730	2810	101	103	70-130	3	20	
Tetrachloroethene	ug/kg	<25.0	2710	2710	2580	2420	95	89	65-130	6	20	
Toluene	ug/kg	<25.0	2710	2710	2830	2730	104	101	65-130	4	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	2710	2710	2830	2800	104	103	55-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	2710	2710	2240	2210	83	81	54-130	2	20	
Trichloroethene	ug/kg	<25.0	2710	2710	2540	2600	94	96	70-130	2	20	
Trichlorofluoromethane	ug/kg	<25.0	2710	2710	2270	2070	84	76	42-150	9	24	
Vinyl chloride	ug/kg	<25.0	2710	2710	2760	2600	102	96	35-134	6	20	
4-Bromofluorobenzene (S)	%						100	102	53-134			
Dibromofluoromethane (S)	%						113	114	49-157			
Toluene-d8 (S)	%						114	113	61-148			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

QC Batch: PMST/11759 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40120874001, 40120874002, 40120874003, 40120874004, 40120874005, 40120874006, 40120874007, 40120874008, 40120874009, 40120874010

SAMPLE DUPLICATE: 1220072

Parameter	Units	40121012001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.7	7.7	0	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0969-01-15 LOCKWOOD
Pace Project No.: 40120874

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40120874001	**TP-1, S-3**	EPA 5035/5030B	MSV/30111	EPA 8260	MSV/30116
40120874002	**TP-1, S-4**	EPA 5035/5030B	MSV/30111	EPA 8260	MSV/30116
40120874003	**TP-2, S-3**	EPA 5035/5030B	MSV/30111	EPA 8260	MSV/30116
40120874004	**TP-2, S-4**	EPA 5035/5030B	MSV/30111	EPA 8260	MSV/30116
40120874005	**TP-3, S-3**	EPA 5035/5030B	MSV/30111	EPA 8260	MSV/30116
40120874006	**TP-3, S-4**	EPA 5035/5030B	MSV/30111	EPA 8260	MSV/30116
40120874007	**TP-4, S-3**	EPA 5035/5030B	MSV/30111	EPA 8260	MSV/30116
40120874008	**TP-4, S-1**	EPA 5035/5030B	MSV/30111	EPA 8260	MSV/30116
40120874009	**SB-1, S-1**	EPA 5035/5030B	MSV/30111	EPA 8260	MSV/30116
40120874010	**SB-2, S-1**	EPA 5035/5030B	MSV/30111	EPA 8260	MSV/30116
40120874001	**TP-1, S-3**	ASTM D2974-87	PMST/11759		
40120874002	**TP-1, S-4**	ASTM D2974-87	PMST/11759		
40120874003	**TP-2, S-3**	ASTM D2974-87	PMST/11759		
40120874004	**TP-2, S-4**	ASTM D2974-87	PMST/11759		
40120874005	**TP-3, S-3**	ASTM D2974-87	PMST/11759		
40120874006	**TP-3, S-4**	ASTM D2974-87	PMST/11759		
40120874007	**TP-4, S-3**	ASTM D2974-87	PMST/11759		
40120874008	**TP-4, S-1**	ASTM D2974-87	PMST/11759		
40120874009	**SB-1, S-1**	ASTM D2974-87	PMST/11759		
40120874010	**SB-2, S-1**	ASTM D2974-87	PMST/11759		

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

Pace Analytical®
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CHAIN OF CUSTODY

EM

40120874

*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:	MachIV Eng.
Branch/Location:	
Project Contact:	Chad Fradette
Phone:	920 615 0019
Project Number:	0969-01-15
Project Name:	Lockwood
Project State:	WI
Sampled By (Print):	Chad M Fradette
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	MachIV Eng.
Mail To Address:	211 N Broadway Ste 114 Green Bay WI 54303
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: VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	TP-1, S-3	9/10/15	0840	S	—	F	X	1-40mL vA	1-40mL vF	
002	TP-1, S-4		0850							
003	TP-2, S-3		0900							
004	TP-2, S-4		0910							
005	TP-3, S-3		0920							
006	TP-3, S-4		0930							
007	TP-4, S-3		0940							
008	TP-4, S-1		0950							
009	SB-1, S-1		1000							
010	SB-2, S-1		1010							

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 9/14-9/15

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:
Chad M Fradette	9/10/15 1217	Ed Mercado	9/10/15 1217
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
40120874

Receipt Temp = ROI °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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

Project #: **WO# : 40120874**

40120874

Client Name: Mock IV Eng.

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

Tracking #: _____

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

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

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

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

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

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 9/10/15
Initials: KB

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

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☑Yes ☐No ☐N/A	7. 9/15
Sufficient Volume:	☑Yes ☐No ☐N/A	8. KB 9/10/15
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. 001 no time on any samples; 001 no date x1 vial; 002 no time; 003-010 no time/date on any samples
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct KB 9/10/15
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes ☑No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	14.
Trip Blank Present:	☐Yes ☐No ☑N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: 008 printed ID says "TP-4, S-4" EM 9/10/15

Project Manager Review: _____ **Date:** 9-10-15

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

September 09, 2015

Chad Fradette
Mach IV Engineering & Surveying
211 N. Broadway
Suite 114
Green Bay, WI 54303

RE: Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Dear Chad Fradette:
Enclosed are the analytical results for sample(s) received by the laboratory on September 04, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

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: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

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
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40120662001	**GP-16, S-1**	Solid	09/04/15 11:25	09/04/15 12:30
40120662002	**GP-17, S-1**	Solid	09/04/15 11:25	09/04/15 12:30
40120662003	**GP-18, S-1**	Solid	09/04/15 11:25	09/04/15 12:30
40120662004	**GP-19, S-1**	Solid	09/04/15 11:25	09/04/15 12:30

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

SAMPLE ANALYTE COUNT

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40120662001	**GP-16, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120662002	**GP-17, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120662003	**GP-18, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G
40120662004	**GP-19, S-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	CMP	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Method: **EPA 8260**
Description: 8260 MSV Med Level Normal List
Client: Mach IV Engineering
Date: September 09, 2015

General Information:
4 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, 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/30065

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40120560028

R1: RPD value was outside control limits.

- MSD (Lab ID: 1217704)
  - Toluene

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: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Sample: GP-16, S-1 **Lab ID: 40120662001** Collected: 09/04/15 11:25 Received: 09/04/15 12:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/08/15 07:30	09/08/15 21:57	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/08/15 07:30	09/08/15 21:57	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/08/15 07:30	09/08/15 21:57	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/08/15 07:30	09/08/15 21:57	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/08/15 07:30	09/08/15 21:57	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Sample: GP-16, S-1 **Lab ID: 40120662001** Collected: 09/04/15 11:25 Received: 09/04/15 12:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/08/15 07:30	09/08/15 21:57	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/08/15 07:30	09/08/15 21:57	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 21:57	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	111	%	49-157		1	09/08/15 07:30	09/08/15 21:57	1868-53-7	
Toluene-d8 (S)	100	%	61-148		1	09/08/15 07:30	09/08/15 21:57	2037-26-5	
4-Bromofluorobenzene (S)	93	%	53-134		1	09/08/15 07:30	09/08/15 21:57	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.5**	%	0.10	0.10	1		09/08/15 10:14		

Sample: GP-17, S-1 **Lab ID: 40120662002** Collected: 09/04/15 11:25 Received: 09/04/15 12:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/08/15 07:30	09/08/15 22:20	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/08/15 07:30	09/08/15 22:20	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/08/15 07:30	09/08/15 22:20	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Sample: GP-17, S-1 **Lab ID: 40120662002** Collected: 09/04/15 11:25 Received: 09/04/15 12:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/08/15 07:30	09/08/15 22:20	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/08/15 07:30	09/08/15 22:20	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/08/15 07:30	09/08/15 22:20	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Sample: GP-17, S-1 **Lab ID: 40120662002** Collected: 09/04/15 11:25 Received: 09/04/15 12:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/08/15 07:30	09/08/15 22:20	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:20	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	120	%	49-157		1	09/08/15 07:30	09/08/15 22:20	1868-53-7	
Toluene-d8 (S)	109	%	61-148		1	09/08/15 07:30	09/08/15 22:20	2037-26-5	
4-Bromofluorobenzene (S)	99	%	53-134		1	09/08/15 07:30	09/08/15 22:20	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**4.0**	%	0.10	0.10	1		09/08/15 10:49		

Sample: GP-18, S-1 **Lab ID: 40120662003** Collected: 09/04/15 11:25 Received: 09/04/15 12:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**217**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	71-43-2	
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/08/15 07:30	09/08/15 22:43	74-83-9	W
n-Butylbenzene	**71.5**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	104-51-8	
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/08/15 07:30	09/08/15 22:43	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/08/15 07:30	09/08/15 22:43	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/08/15 07:30	09/08/15 22:43	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Sample: GP-18, S-1 **Lab ID: 40120662003** Collected: 09/04/15 11:25 Received: 09/04/15 12:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	108-20-3	W
Ethylbenzene	**234**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	100-41-4	
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	87-68-3	W
Isopropylbenzene (Cumene)	**63.2J**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	98-82-8	
p-Isopropyltoluene	**36.7J**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	99-87-6	
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	1634-04-4	W
Naphthalene	**1050**	ug/kg	274	43.9	1	09/08/15 07:30	09/08/15 22:43	91-20-3	
n-Propylbenzene	**97.0**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	103-65-1	
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	79-34-5	W
Tetrachloroethene	**126**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	127-18-4	
Toluene	**1500**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/08/15 07:30	09/08/15 22:43	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	96-18-4	W
1,2,4-Trimethylbenzene	**551**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	95-63-6	
1,3,5-Trimethylbenzene	**148**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	108-67-8	
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/08/15 22:43	75-01-4	W
m&p-Xylene	**1510**	ug/kg	131	54.8	1	09/08/15 07:30	09/08/15 22:43	179601-23-1	
o-Xylene	**787**	ug/kg	65.7	27.4	1	09/08/15 07:30	09/08/15 22:43	95-47-6	
Surrogates									
Dibromofluoromethane (S)	112	%	49-157		1	09/08/15 07:30	09/08/15 22:43	1868-53-7	
Toluene-d8 (S)	109	%	61-148		1	09/08/15 07:30	09/08/15 22:43	2037-26-5	
4-Bromofluorobenzene (S)	105	%	53-134		1	09/08/15 07:30	09/08/15 22:43	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.7**	%	0.10	0.10	1		09/08/15 10:49		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Sample: GP-19, S-1 **Lab ID: 40120662004** Collected: 09/04/15 11:25 Received: 09/04/15 12:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	09/08/15 07:30	09/09/15 10:28	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	09/08/15 07:30	09/09/15 10:28	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	09/08/15 07:30	09/09/15 10:28	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	09/08/15 07:30	09/09/15 10:28	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	09/08/15 07:30	09/09/15 10:28	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Sample: GP-19, S-1 **Lab ID: 40120662004** Collected: 09/04/15 11:25 Received: 09/04/15 12:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	09/08/15 07:30	09/09/15 10:28	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/08/15 07:30	09/09/15 10:28	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/08/15 07:30	09/09/15 10:28	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	124	%	49-157		1	09/08/15 07:30	09/09/15 10:28	1868-53-7	
Toluene-d8 (S)	100	%	61-148		1	09/08/15 07:30	09/09/15 10:28	2037-26-5	
4-Bromofluorobenzene (S)	100	%	53-134		1	09/08/15 07:30	09/09/15 10:28	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.7**	%	0.10	0.10	1		09/08/15 10:49		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

QC Batch: MSV/30065 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40120662001, 40120662002, 40120662003, 40120662004

METHOD BLANK: 1217701 Matrix: Solid
Associated Lab Samples: 40120662001, 40120662002, 40120662003, 40120662004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	09/08/15 10:21	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	09/08/15 10:21	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	09/08/15 10:21	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	09/08/15 10:21	
1,1-Dichloroethane	ug/kg	<17.6	50.0	09/08/15 10:21	
1,1-Dichloroethene	ug/kg	<17.6	50.0	09/08/15 10:21	
1,1-Dichloropropene	ug/kg	<14.0	50.0	09/08/15 10:21	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	09/08/15 10:21	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	09/08/15 10:21	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	09/08/15 10:21	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	09/08/15 10:21	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	09/08/15 10:21	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	09/08/15 10:21	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	09/08/15 10:21	
1,2-Dichloroethane	ug/kg	<15.0	50.0	09/08/15 10:21	
1,2-Dichloropropane	ug/kg	<16.8	50.0	09/08/15 10:21	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	09/08/15 10:21	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	09/08/15 10:21	
1,3-Dichloropropane	ug/kg	<12.0	50.0	09/08/15 10:21	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	09/08/15 10:21	
2,2-Dichloropropane	ug/kg	<12.6	50.0	09/08/15 10:21	
2-Chlorotoluene	ug/kg	<15.8	50.0	09/08/15 10:21	
4-Chlorotoluene	ug/kg	<13.0	50.0	09/08/15 10:21	
Benzene	ug/kg	<9.2	20.0	09/08/15 10:21	
Bromobenzene	ug/kg	<20.6	50.0	09/08/15 10:21	
Bromochloromethane	ug/kg	<21.4	50.0	09/08/15 10:21	
Bromodichloromethane	ug/kg	<9.8	50.0	09/08/15 10:21	
Bromoform	ug/kg	<19.8	50.0	09/08/15 10:21	
Bromomethane	ug/kg	<69.9	250	09/08/15 10:21	
Carbon tetrachloride	ug/kg	<12.1	50.0	09/08/15 10:21	
Chlorobenzene	ug/kg	<14.8	50.0	09/08/15 10:21	
Chloroethane	ug/kg	<67.0	250	09/08/15 10:21	
Chloroform	ug/kg	<46.4	250	09/08/15 10:21	
Chloromethane	ug/kg	<20.4	50.0	09/08/15 10:21	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	09/08/15 10:21	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	09/08/15 10:21	
Dibromochloromethane	ug/kg	<17.9	50.0	09/08/15 10:21	
Dibromomethane	ug/kg	<19.3	50.0	09/08/15 10:21	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	09/08/15 10:21	
Diisopropyl ether	ug/kg	<17.7	50.0	09/08/15 10:21	
Ethylbenzene	ug/kg	<12.4	50.0	09/08/15 10:21	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

METHOD BLANK: 1217701 Matrix: Solid
Associated Lab Samples: 40120662001, 40120662002, 40120662003, 40120662004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	09/08/15 10:21	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	09/08/15 10:21	
m&p-Xylene	ug/kg	<34.4	100	09/08/15 10:21	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	09/08/15 10:21	
Methylene Chloride	ug/kg	<16.2	50.0	09/08/15 10:21	
n-Butylbenzene	ug/kg	<10.5	50.0	09/08/15 10:21	
n-Propylbenzene	ug/kg	<11.6	50.0	09/08/15 10:21	
Naphthalene	ug/kg	<40.0	250	09/08/15 10:21	
o-Xylene	ug/kg	<14.0	50.0	09/08/15 10:21	
p-Isopropyltoluene	ug/kg	<12.0	50.0	09/08/15 10:21	
sec-Butylbenzene	ug/kg	<11.9	50.0	09/08/15 10:21	
Styrene	ug/kg	<9.0	50.0	09/08/15 10:21	
tert-Butylbenzene	ug/kg	<9.5	50.0	09/08/15 10:21	
Tetrachloroethene	ug/kg	<12.9	50.0	09/08/15 10:21	
Toluene	ug/kg	<11.2	50.0	09/08/15 10:21	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	09/08/15 10:21	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	09/08/15 10:21	
Trichloroethene	ug/kg	<23.6	50.0	09/08/15 10:21	
Trichlorofluoromethane	ug/kg	<24.7	50.0	09/08/15 10:21	
Vinyl chloride	ug/kg	<21.1	50.0	09/08/15 10:21	
4-Bromofluorobenzene (S)	%	95	53-134	09/08/15 10:21	
Dibromofluoromethane (S)	%	113	49-157	09/08/15 10:21	
Toluene-d8 (S)	%	99	61-148	09/08/15 10:21	

LABORATORY CONTROL SAMPLE: 1217702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2740	110	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2190	87	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2570	103	70-130	
1,1-Dichloroethane	ug/kg	2500	2510	100	70-130	
1,1-Dichloroethene	ug/kg	2500	2430	97	70-132	
1,2,4-Trichlorobenzene	ug/kg	2500	2210	88	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2250	90	45-150	
1,2-Dibromoethane (EDB)	ug/kg	2500	2500	100	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2270	91	70-130	
1,2-Dichloroethane	ug/kg	2500	2590	104	70-134	
1,2-Dichloropropane	ug/kg	2500	2470	99	70-130	
1,3-Dichlorobenzene	ug/kg	2500	2200	88	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2250	90	70-130	
Benzene	ug/kg	2500	2620	105	70-130	
Bromodichloromethane	ug/kg	2500	2820	113	70-130	
Bromoform	ug/kg	2500	2260	90	48-130	
Bromomethane	ug/kg	2500	2530	101	70-169	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

LABORATORY CONTROL SAMPLE: 1217702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2740	110	67-130	
Chlorobenzene	ug/kg	2500	2460	98	70-130	
Chloroethane	ug/kg	2500	2560	103	70-191	
Chloroform	ug/kg	2500	2590	104	70-130	
Chloromethane	ug/kg	2500	2110	84	52-132	
cis-1,2-Dichloroethene	ug/kg	2500	2530	101	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2650	106	70-130	
Dibromochloromethane	ug/kg	2500	2260	90	65-130	
Dichlorodifluoromethane	ug/kg	2500	1630	65	12-150	
Ethylbenzene	ug/kg	2500	2440	98	70-130	
Isopropylbenzene (Cumene)	ug/kg	2500	2540	102	70-130	
m&p-Xylene	ug/kg	5000	5070	101	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2410	97	70-130	
Methylene Chloride	ug/kg	2500	2590	103	70-131	
o-Xylene	ug/kg	2500	2520	101	70-130	
Styrene	ug/kg	2500	2600	104	70-130	
Tetrachloroethene	ug/kg	2500	2330	93	70-130	
Toluene	ug/kg	2500	2370	95	70-130	
trans-1,2-Dichloroethene	ug/kg	2500	2530	101	69-130	
trans-1,3-Dichloropropene	ug/kg	2500	2250	90	65-130	
Trichloroethene	ug/kg	2500	2710	108	70-130	
Trichlorofluoromethane	ug/kg	2500	2690	108	50-150	
Vinyl chloride	ug/kg	2500	2120	85	67-134	
4-Bromofluorobenzene (S)	%			103	53-134	
Dibromofluoromethane (S)	%			107	49-157	
Toluene-d8 (S)	%			99	61-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1217703 1217704

Parameter	Units	40120560028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	2680	2680	2900	2940	109	110	63-130	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	2680	2680	2780	2630	104	98	57-136	6	20	
1,1,2-Trichloroethane	ug/kg	<25.0	2680	2680	2940	2770	110	104	70-130	6	20	
1,1-Dichloroethane	ug/kg	<25.0	2680	2680	2600	2670	97	100	62-131	3	23	
1,1-Dichloroethene	ug/kg	<25.0	2680	2680	2480	2500	93	93	42-137	1	20	
1,2,4-Trichlorobenzene	ug/kg	<47.6	2680	2680	2850	2920	105	108	59-137	2	21	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	2680	2680	2820	2950	106	110	33-150	4	25	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	2680	2680	2910	2890	109	108	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<25.0	2680	2680	2720	2790	102	104	70-130	3	20	
1,2-Dichloroethane	ug/kg	<25.0	2680	2680	2800	2770	104	103	68-134	1	20	
1,2-Dichloropropane	ug/kg	<25.0	2680	2680	2670	2720	100	102	70-130	2	20	
1,3-Dichlorobenzene	ug/kg	<25.0	2680	2680	2700	2770	101	104	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	<25.0	2680	2680	2660	2830	99	106	69-130	6	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1217703 1217704

Parameter	Units	40120560028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	43.6J	2680	2680	2890	2900	106	107	56-131	0	20	
Bromodichloromethane	ug/kg	<25.0	2680	2680	3100	3250	116	121	64-130	5	20	
Bromoform	ug/kg	<25.0	2680	2680	2710	2680	101	100	48-130	1	20	
Bromomethane	ug/kg	<69.9	2680	2680	2560	2670	96	100	18-169	4	23	
Carbon tetrachloride	ug/kg	<25.0	2680	2680	2940	3040	110	113	59-130	3	20	
Chlorobenzene	ug/kg	<25.0	2680	2680	2770	2790	104	104	70-130	1	20	
Chloroethane	ug/kg	<67.0	2680	2680	2550	2710	95	101	10-191	6	20	
Chloroform	ug/kg	<46.4	2680	2680	2780	2850	104	107	65-130	3	20	
Chloromethane	ug/kg	<25.0	2680	2680	2050	2180	76	82	36-132	7	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	2680	2680	2720	2820	102	105	59-136	3	24	
cis-1,3-Dichloropropene	ug/kg	<25.0	2680	2680	2940	3000	110	112	60-130	2	20	
Dibromochloromethane	ug/kg	<25.0	2680	2680	2710	2610	101	97	59-130	4	20	
Dichlorodifluoromethane	ug/kg	<25.0	2680	2680	1440	1450	54	54	10-150	1	27	
Ethylbenzene	ug/kg	56.5J	2680	2680	2840	2750	104	101	64-130	3	20	
Isopropylbenzene (Cumene)	ug/kg	45.5J	2680	2680	2940	2910	108	107	69-138	1	20	
m&p-Xylene	ug/kg	216	5350	5350	5910	5680	106	102	61-130	4	20	
Methyl-tert-butyl ether	ug/kg	<25.0	2680	2680	2790	2770	104	104	52-134	1	20	
Methylene Chloride	ug/kg	<25.0	2680	2680	2700	2850	101	106	61-131	5	20	
o-Xylene	ug/kg	228	2680	2680	3080	2930	107	101	63-130	5	20	
Styrene	ug/kg	<25.0	2680	2680	2830	2880	106	108	70-130	2	20	
Tetrachloroethene	ug/kg	<25.0	2680	2680	2770	2620	103	98	65-130	5	20	
Toluene	ug/kg	348	2680	2680	3440	2770	116	91	65-130	22	20	R1
trans-1,2-Dichloroethene	ug/kg	<25.0	2680	2680	2560	2590	96	97	55-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	2680	2680	2540	2490	95	93	54-130	2	20	
Trichloroethene	ug/kg	<25.0	2680	2680	2860	2870	107	107	70-130	0	20	
Trichlorofluoromethane	ug/kg	<25.0	2680	2680	2620	2550	98	95	42-150	3	24	
Vinyl chloride	ug/kg	<25.0	2680	2680	2110	2150	79	80	35-134	2	20	
4-Bromofluorobenzene (S)	%						108	107	53-134			
Dibromofluoromethane (S)	%						118	121	49-157			
Toluene-d8 (S)	%						114	108	61-148			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

QC Batch: PMST/11738
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40120662001

SAMPLE DUPLICATE: 1217607

Parameter	Units	40120519009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	26.6	26.4	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

QC Batch: PMST/11739 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40120662002, 40120662003, 40120662004

SAMPLE DUPLICATE: 1217637

Parameter	Units	40120727003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.4	18.1	4	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

R1	RPD value was outside control limits.
W	Non-detect results are reported on a wet weight basis.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40120662

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40120662001	**GP-16, S-1**	EPA 5035/5030B	MSV/30065	EPA 8260	MSV/30066
40120662002	**GP-17, S-1**	EPA 5035/5030B	MSV/30065	EPA 8260	MSV/30066
40120662003	**GP-18, S-1**	EPA 5035/5030B	MSV/30065	EPA 8260	MSV/30066
40120662004	**GP-19, S-1**	EPA 5035/5030B	MSV/30065	EPA 8260	MSV/30066
40120662001	**GP-16, S-1**	ASTM D2974-87	PMST/11738		
40120662002	**GP-17, S-1**	ASTM D2974-87	PMST/11739		
40120662003	**GP-18, S-1**	ASTM D2974-87	PMST/11739		
40120662004	**GP-19, S-1**	ASTM D2974-87	PMST/11739		

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

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CP

CHAIN OF CUSTODY

401206162

*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:	Mach IV
Branch/Location:	Green Bay
Project Contact:	Chad Fradette
Phone:	920-615-0019
Project Number:	0969-01-15
Project Name:	Lockwood Gallery
Project State:	WI
Sampled By (Print):	Cami Felton
Sampled By (Sign):	Cami Felt
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Chad Fradette
Mail To Company:	Mach IV
Mail To Address:	211 N Broadway Ste 114 Green Bay WI
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	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	GP-16, S-1	9/4/15	1125	S	N	F	8260 VOCs		1-40zpA, 1-40mlVF	
002	GP-17, S-1	↓	↓	↓	N	F	8260 VOCs		↓	
003	GP-18, S-1	↓	↓	↓	N	F	8260 VOCs		↓	
004	GP-19, S-1	↓	↓	↓	N	F	8260 VOCs		↓	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 9/11/2015

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:
Cami Felt	9/4/15 1230	Cory Pt	9/4/15 1230

PACE Project No.
401206162

Receipt Temp = ROI °C

Sample Receipt pH
OK / Adjusted

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

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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

Pace Analytical™

Project #: **WO#: 40120662**

40120662

Client Name: mach W

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

Tracking #: _____

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

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

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

Thermometer Used na **Type of Ice:** Wet Blue Dry None ☐ Samples on ice, cooling process has begun

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

Temp Blank Present: ☐ yes ☐ no

Person examining contents:
Date: 9-4-15
Initials: mm

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

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

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Rush TAT 9-11-15 mm 9-4-15

Project Manager Review: _____ **Date:** 9-8-15

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

November 02, 2015

Chad Fradette
Mach IV Engineering & Surveying
211 N. Broadway
Suite 114
Green Bay, WI 54303

RE: Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Dear Chad Fradette:
Enclosed are the analytical results for sample(s) received by the laboratory on October 28, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

cc: Teri Schneider, Mach IV Engineering

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

CERTIFICATIONS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Green Bay Certification IDs

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40123699001	**SW-1**	Solid	10/27/15 09:20	10/28/15 16:30
40123699002	**B-1**	Solid	10/27/15 11:20	10/28/15 16:30
40123699003	**SW-2**	Solid	10/28/15 11:40	10/28/15 16:30
40123699004	**B-2**	Solid	10/28/15 11:55	10/28/15 16:30
40123699005	**SW-3**	Solid	10/28/15 12:25	10/28/15 16:30

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SAMPLE ANALYTE COUNT

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40123699001	**SW-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40123699002	**B-1**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40123699003	**SW-2**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40123699004	**B-2**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40123699005	**SW-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G

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PROJECT NARRATIVE

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Method: **EPA 8260**
Description: 8260 MSV Med Level Normal List
Client: Mach IV Engineering
Date: November 02, 2015

General Information:
5 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, 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.

Additional Comments:

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

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Sample: SW-1 **Lab ID: 40123699001** Collected: 10/27/15 09:20 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/29/15 15:16	10/30/15 05:08	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/29/15 15:16	10/30/15 05:08	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/29/15 15:16	10/30/15 05:08	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/29/15 15:16	10/30/15 05:08	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/29/15 15:16	10/30/15 05:08	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Sample: SW-1 **Lab ID: 40123699001** Collected: 10/27/15 09:20 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	79-34-5	W
Tetrachloroethene	**46.3J**	ug/kg	65.7	27.4	1	10/29/15 15:16	10/30/15 05:08	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/29/15 15:16	10/30/15 05:08	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/29/15 15:16	10/30/15 05:08	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:08	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	121	%	49-157		1	10/29/15 15:16	10/30/15 05:08	1868-53-7	
Toluene-d8 (S)	122	%	61-148		1	10/29/15 15:16	10/30/15 05:08	2037-26-5	
4-Bromofluorobenzene (S)	97	%	53-134		1	10/29/15 15:16	10/30/15 05:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.7**	%	0.10	0.10	1		10/29/15 15:10		

Sample: B-1 **Lab ID: 40123699002** Collected: 10/27/15 11:20 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/29/15 15:16	10/30/15 05:31	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/29/15 15:16	10/30/15 05:31	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/29/15 15:16	10/30/15 05:31	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Sample: B-1 **Lab ID: 40123699002** Collected: 10/27/15 11:20 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/29/15 15:16	10/30/15 05:31	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/29/15 15:16	10/30/15 05:31	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/29/15 15:16	10/30/15 05:31	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Sample: B-1 **Lab ID: 40123699002** Collected: 10/27/15 11:20 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/29/15 15:16	10/30/15 05:31	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 05:31	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	123	%	49-157		1	10/29/15 15:16	10/30/15 05:31	1868-53-7	
Toluene-d8 (S)	125	%	61-148		1	10/29/15 15:16	10/30/15 05:31	2037-26-5	
4-Bromofluorobenzene (S)	98	%	53-134		1	10/29/15 15:16	10/30/15 05:31	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.6**	%	0.10	0.10	1		10/29/15 15:10		

Sample: SW-2 **Lab ID: 40123699003** Collected: 10/28/15 11:40 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/29/15 15:16	10/30/15 21:55	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/29/15 15:16	10/30/15 21:55	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/29/15 15:16	10/30/15 21:55	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/29/15 15:16	10/30/15 21:55	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Sample: SW-2 **Lab ID: 40123699003** Collected: 10/28/15 11:40 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/29/15 15:16	10/30/15 21:55	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/29/15 15:16	10/30/15 21:55	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/29/15 15:16	10/30/15 21:55	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 21:55	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	114	%	49-157		1	10/29/15 15:16	10/30/15 21:55	1868-53-7	
Toluene-d8 (S)	115	%	61-148		1	10/29/15 15:16	10/30/15 21:55	2037-26-5	
4-Bromofluorobenzene (S)	101	%	53-134		1	10/29/15 15:16	10/30/15 21:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.7**	%	0.10	0.10	1		10/29/15 15:10		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Sample: B-2 **Lab ID: 40123699004** Collected: 10/28/15 11:55 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/29/15 15:16	10/30/15 22:18	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/29/15 15:16	10/30/15 22:18	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/29/15 15:16	10/30/15 22:18	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/29/15 15:16	10/30/15 22:18	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/29/15 15:16	10/30/15 22:18	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Sample: B-2 **Lab ID: 40123699004** Collected: 10/28/15 11:55 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/29/15 15:16	10/30/15 22:18	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/29/15 15:16	10/30/15 22:18	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:18	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	107	%	49-157		1	10/29/15 15:16	10/30/15 22:18	1868-53-7	
Toluene-d8 (S)	110	%	61-148		1	10/29/15 15:16	10/30/15 22:18	2037-26-5	
4-Bromofluorobenzene (S)	96	%	53-134		1	10/29/15 15:16	10/30/15 22:18	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.8**	%	0.10	0.10	1		10/29/15 15:10		

Sample: SW-3 **Lab ID: 40123699005** Collected: 10/28/15 12:25 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/29/15 15:16	10/30/15 22:41	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/29/15 15:16	10/30/15 22:41	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/29/15 15:16	10/30/15 22:41	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Sample: SW-3 **Lab ID: 40123699005** Collected: 10/28/15 12:25 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/29/15 15:16	10/30/15 22:41	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/29/15 15:16	10/30/15 22:41	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/29/15 15:16	10/30/15 22:41	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Sample: SW-3 **Lab ID: 40123699005** Collected: 10/28/15 12:25 Received: 10/28/15 16:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/29/15 15:16	10/30/15 22:41	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/29/15 15:16	10/30/15 22:41	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	120	%	49-157		1	10/29/15 15:16	10/30/15 22:41	1868-53-7	
Toluene-d8 (S)	118	%	61-148		1	10/29/15 15:16	10/30/15 22:41	2037-26-5	
4-Bromofluorobenzene (S)	102	%	53-134		1	10/29/15 15:16	10/30/15 22:41	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.5**	%	0.10	0.10	1		10/30/15 08:02		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

QC Batch: MSV/30974 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40123699001, 40123699002, 40123699003, 40123699004, 40123699005

METHOD BLANK: 1249118 Matrix: Solid
Associated Lab Samples: 40123699001, 40123699002, 40123699003, 40123699004, 40123699005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	10/29/15 19:29	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	10/29/15 19:29	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	10/29/15 19:29	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	10/29/15 19:29	
1,1-Dichloroethane	ug/kg	<17.6	50.0	10/29/15 19:29	
1,1-Dichloroethene	ug/kg	<17.6	50.0	10/29/15 19:29	
1,1-Dichloropropene	ug/kg	<14.0	50.0	10/29/15 19:29	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	10/29/15 19:29	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	10/29/15 19:29	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	10/29/15 19:29	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	10/29/15 19:29	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	10/29/15 19:29	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	10/29/15 19:29	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	10/29/15 19:29	
1,2-Dichloroethane	ug/kg	<15.0	50.0	10/29/15 19:29	
1,2-Dichloropropane	ug/kg	<16.8	50.0	10/29/15 19:29	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	10/29/15 19:29	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	10/29/15 19:29	
1,3-Dichloropropane	ug/kg	<12.0	50.0	10/29/15 19:29	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	10/29/15 19:29	
2,2-Dichloropropane	ug/kg	<12.6	50.0	10/29/15 19:29	
2-Chlorotoluene	ug/kg	<15.8	50.0	10/29/15 19:29	
4-Chlorotoluene	ug/kg	<13.0	50.0	10/29/15 19:29	
Benzene	ug/kg	<9.2	20.0	10/29/15 19:29	
Bromobenzene	ug/kg	<20.6	50.0	10/29/15 19:29	
Bromochloromethane	ug/kg	<21.4	50.0	10/29/15 19:29	
Bromodichloromethane	ug/kg	<9.8	50.0	10/29/15 19:29	
Bromoform	ug/kg	<19.8	50.0	10/29/15 19:29	
Bromomethane	ug/kg	<69.9	250	10/29/15 19:29	
Carbon tetrachloride	ug/kg	<12.1	50.0	10/29/15 19:29	
Chlorobenzene	ug/kg	<14.8	50.0	10/29/15 19:29	
Chloroethane	ug/kg	<67.0	250	10/29/15 19:29	
Chloroform	ug/kg	<46.4	250	10/29/15 19:29	
Chloromethane	ug/kg	<20.4	50.0	10/29/15 19:29	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	10/29/15 19:29	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	10/29/15 19:29	
Dibromochloromethane	ug/kg	<17.9	50.0	10/29/15 19:29	
Dibromomethane	ug/kg	<19.3	50.0	10/29/15 19:29	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/29/15 19:29	
Diisopropyl ether	ug/kg	<17.7	50.0	10/29/15 19:29	
Ethylbenzene	ug/kg	<12.4	50.0	10/29/15 19:29	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

METHOD BLANK: 1249118 Matrix: Solid
Associated Lab Samples: 40123699001, 40123699002, 40123699003, 40123699004, 40123699005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	31.1J	50.0	10/29/15 19:29	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/29/15 19:29	
m&p-Xylene	ug/kg	<34.4	100	10/29/15 19:29	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/29/15 19:29	
Methylene Chloride	ug/kg	<16.2	50.0	10/29/15 19:29	
n-Butylbenzene	ug/kg	<10.5	50.0	10/29/15 19:29	
n-Propylbenzene	ug/kg	<11.6	50.0	10/29/15 19:29	
Naphthalene	ug/kg	<40.0	250	10/29/15 19:29	
o-Xylene	ug/kg	<14.0	50.0	10/29/15 19:29	
p-Isopropyltoluene	ug/kg	<12.0	50.0	10/29/15 19:29	
sec-Butylbenzene	ug/kg	<11.9	50.0	10/29/15 19:29	
Styrene	ug/kg	<9.0	50.0	10/29/15 19:29	
tert-Butylbenzene	ug/kg	<9.5	50.0	10/29/15 19:29	
Tetrachloroethene	ug/kg	<12.9	50.0	10/29/15 19:29	
Toluene	ug/kg	<11.2	50.0	10/29/15 19:29	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/29/15 19:29	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/29/15 19:29	
Trichloroethene	ug/kg	<23.6	50.0	10/29/15 19:29	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/29/15 19:29	
Vinyl chloride	ug/kg	<21.1	50.0	10/29/15 19:29	
4-Bromofluorobenzene (S)	%	98	53-134	10/29/15 19:29	
Dibromofluoromethane (S)	%	106	49-157	10/29/15 19:29	
Toluene-d8 (S)	%	114	61-148	10/29/15 19:29	

LABORATORY CONTROL SAMPLE: 1249119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2250	90	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2730	109	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2840	113	70-130	
1,1-Dichloroethane	ug/kg	2500	2950	118	70-130	
1,1-Dichloroethene	ug/kg	2500	2610	104	70-132	
1,2,4-Trichlorobenzene	ug/kg	2500	2680	107	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2100	84	45-150	
1,2-Dibromoethane (EDB)	ug/kg	2500	2680	107	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2820	113	70-130	
1,2-Dichloroethane	ug/kg	2500	2680	107	70-134	
1,2-Dichloropropane	ug/kg	2500	2880	115	70-130	
1,3-Dichlorobenzene	ug/kg	2500	2740	110	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2720	109	70-130	
Benzene	ug/kg	2500	2790	112	70-130	
Bromodichloromethane	ug/kg	2500	2450	98	70-130	
Bromoform	ug/kg	2500	2340	94	48-130	
Bromomethane	ug/kg	2500	2640	106	70-169	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

LABORATORY CONTROL SAMPLE: 1249119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2220	89	67-130	
Chlorobenzene	ug/kg	2500	2830	113	70-130	
Chloroethane	ug/kg	2500	2420	97	70-191	
Chloroform	ug/kg	2500	2620	105	70-130	
Chloromethane	ug/kg	2500	2780	111	52-132	
cis-1,2-Dichloroethene	ug/kg	2500	2550	102	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2390	96	70-130	
Dibromochloromethane	ug/kg	2500	2370	95	65-130	
Dichlorodifluoromethane	ug/kg	2500	2130	85	12-150	
Ethylbenzene	ug/kg	2500	2720	109	70-130	
Isopropylbenzene (Cumene)	ug/kg	2500	2710	109	70-130	
m&p-Xylene	ug/kg	5000	5690	114	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2550	102	70-130	
Methylene Chloride	ug/kg	2500	3090	124	70-131	
o-Xylene	ug/kg	2500	2770	111	70-130	
Styrene	ug/kg	2500	2800	112	70-130	
Tetrachloroethene	ug/kg	2500	2700	108	70-130	
Toluene	ug/kg	2500	2930	117	70-130	
trans-1,2-Dichloroethene	ug/kg	2500	3070	123	69-130	
trans-1,3-Dichloropropene	ug/kg	2500	2450	98	65-130	
Trichloroethene	ug/kg	2500	2600	104	70-130	
Trichlorofluoromethane	ug/kg	2500	2650	106	50-150	
Vinyl chloride	ug/kg	2500	2850	114	67-134	
4-Bromofluorobenzene (S)	%			99	53-134	
Dibromofluoromethane (S)	%			108	49-157	
Toluene-d8 (S)	%			116	61-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1249120 1249121

Parameter	Units	40123684001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1540	1540	1290	1150	84	75	63-130	11	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1540	1540	1690	1640	110	106	57-136	3	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1540	1540	1780	1770	115	115	70-130	1	20	
1,1-Dichloroethane	ug/kg	<25.0	1540	1540	1710	1700	112	110	62-131	1	23	
1,1-Dichloroethene	ug/kg	<25.0	1540	1540	1510	1300	98	84	42-137	15	20	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1540	1540	1830	1740	119	113	59-137	5	21	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1540	1540	1270	1350	82	88	33-150	6	25	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1540	1540	1630	1650	106	108	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1540	1540	1740	1730	113	113	70-130	0	20	
1,2-Dichloroethane	ug/kg	<25.0	1540	1540	1600	1480	104	96	68-134	8	20	
1,2-Dichloropropane	ug/kg	<25.0	1540	1540	1760	1760	114	114	70-130	0	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1540	1540	1710	1650	111	108	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1540	1540	1700	1670	111	108	69-130	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1249120 1249121

Parameter	Units	40123684001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1540	1540	1630	1600	106	104	56-131	2	20	
Bromodichloromethane	ug/kg	<25.0	1540	1540	1440	1510	94	98	64-130	4	20	
Bromoform	ug/kg	<25.0	1540	1540	1460	1490	95	97	48-130	2	20	
Bromomethane	ug/kg	<69.9	1540	1540	1430	1430	93	93	18-169	0	23	
Carbon tetrachloride	ug/kg	<25.0	1540	1540	1210	1090	79	71	59-130	11	20	
Chlorobenzene	ug/kg	<25.0	1540	1540	1720	1740	112	113	70-130	1	20	
Chloroethane	ug/kg	<67.0	1540	1540	1340	1340	87	87	10-191	1	20	
Chloroform	ug/kg	<46.4	1540	1540	1590	1560	103	102	65-130	1	20	
Chloromethane	ug/kg	<25.0	1540	1540	1570	1460	102	95	36-132	7	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1540	1540	1510	1540	99	100	59-136	2	24	
cis-1,3-Dichloropropene	ug/kg	<25.0	1540	1540	1390	1420	91	93	60-130	2	20	
Dibromochloromethane	ug/kg	<25.0	1540	1540	1480	1520	97	99	59-130	2	20	
Dichlorodifluoromethane	ug/kg	<25.0	1540	1540	938	786	61	51	10-150	18	27	
Ethylbenzene	ug/kg	<25.0	1540	1540	1550	1540	101	100	64-130	0	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1540	1540	1560	1480	102	96	69-138	6	20	
m&p-Xylene	ug/kg	<50.0	3080	3080	3320	3250	108	106	61-130	2	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1540	1540	1550	1500	101	98	52-134	3	20	
Methylene Chloride	ug/kg	<25.0	1540	1540	1830	1850	119	121	61-131	1	20	
o-Xylene	ug/kg	<25.0	1540	1540	1630	1600	106	104	63-130	1	20	
Styrene	ug/kg	<25.0	1540	1540	1680	1700	109	110	70-130	1	20	
Tetrachloroethene	ug/kg	<25.0	1540	1540	1560	1420	101	93	65-130	9	20	
Toluene	ug/kg	<25.0	1540	1540	1710	1760	111	114	65-130	3	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1540	1540	1730	1550	113	101	55-130	11	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1540	1540	1420	1460	92	95	54-130	3	20	
Trichloroethene	ug/kg	<25.0	1540	1540	1450	1470	94	96	70-130	2	20	
Trichlorofluoromethane	ug/kg	<25.0	1540	1540	1220	1190	79	77	42-150	2	24	
Vinyl chloride	ug/kg	<25.0	1540	1540	1530	1360	99	88	35-134	12	20	
4-Bromofluorobenzene (S)	%						104	103	53-134			
Dibromofluoromethane (S)	%						114	110	49-157			
Toluene-d8 (S)	%						119	123	61-148			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

QC Batch: PMST/12054 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40123699001, 40123699002, 40123699003, 40123699004, 40123699005

SAMPLE DUPLICATE: 1249117

Parameter	Units	40123673007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.6	13.7	0	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0969-01-15 LOCKWOOD GALLERY
Pace Project No.: 40123699

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40123699001	**SW-1**	EPA 5035/5030B	MSV/30974	EPA 8260	MSV/30975
40123699002	**B-1**	EPA 5035/5030B	MSV/30974	EPA 8260	MSV/30975
40123699003	**SW-2**	EPA 5035/5030B	MSV/30974	EPA 8260	MSV/30975
40123699004	**B-2**	EPA 5035/5030B	MSV/30974	EPA 8260	MSV/30975
40123699005	**SW-3**	EPA 5035/5030B	MSV/30974	EPA 8260	MSV/30975
40123699001	**SW-1**	ASTM D2974-87	PMST/12054		
40123699002	**B-1**	ASTM D2974-87	PMST/12054		
40123699003	**SW-2**	ASTM D2974-87	PMST/12054		
40123699004	**B-2**	ASTM D2974-87	PMST/12054		
40123699005	**SW-3**	ASTM D2974-87	PMST/12054		

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

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

40123699

(Please Print Clearly)	
Company Name:	Mach IU
Branch/Location:	Green Bay
Project Contact:	Chad Fradette
Phone:	920-615-0019
Project Number:	0969-01-15
Project Name:	Lockwood Gallery
Project State:	WI
Sampled By (Print):	Cami Felth
Sampled By (Sign):	Cami Felth
PO #:	
Regulatory Program:	

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

Quote #:	
Mail To Contact:	Chad Fradette
Mail To Company:	Mach IU
Mail To Address:	211 N Broadway Ste 114 Green Bay WI
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: VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	SW-1	10/27	0920	S		N	F X		1-40mL V F 1-4oz pA	
002	B-1	10/27	1120	S			X			
003	SW-2	10/28	1140	S			X			
004	B-2	10/28	1155	S			X			
005	SW-3	10/28	1225	S			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:
Cami Felth	10/28/15 1630	E Mueller Pace	10/28/15 1630

PACE Project No.: 40123699

Receipt Temp = 1.2C °C

Sample Receipt pH OK / Adjusted

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

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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

Pace Analytical™

Project #: WO#: 40123699

40123699

Client Name: Mach II / Lockwood Gallery

Courier: ☐ Fed Ex ☐ UPS ☒ Client ☐ Pace Other: _____

Tracking #: _____

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

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

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

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

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

Temp Blank Present: ☐ yes ☒ no

Person examining contents:
Date: 10/28/15
Initials: BM

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

				Comments:
Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☒No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☒No	☐N/A	7.
Sufficient Volume:	☒Yes	☐No	☐N/A	8.
Correct Containers Used:	☒Yes	☐No	☐N/A	9.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☒N/A	
Containers Intact:	☒Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11.
Sample Labels match COC:	☐Yes	☒No	☐N/A	12. 001 sampler missing ID; time/date correct BM 10/28/15
-Includes date/time/ID/Analysis Matrix: S				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☒N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes	☒No		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☒N/A	14.
Trip Blank Present:	☐Yes	☐No	☒N/A	15.
Trip Blank Custody Seals Present	☐Yes	☐No	☒N/A	
Pace Trip Blank Lot # (if purchased):				

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 10-28-15

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

December 13, 2016

Chad Fradette
Mach IV Engineering
211 N Broadway
Suite 114
Green Bay, WI 54303

RE: Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Dear Chad Fradette:
Enclosed are the analytical results for sample(s) received by the laboratory on December 08, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
Alaska Certification UST-107
525 N 8th Street, Salina, KS 67401
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10372503001	**Ambient Air**	Air	12/07/16 11:32	12/08/16 12:20
10372503002	**Sub-Slab**	Air	12/07/16 12:55	12/08/16 12:20
10372503003	**Vapor Removal System**	Air	12/07/16 12:05	12/08/16 12:20

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SAMPLE ANALYTE COUNT

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10372503001	**Ambient Air**	TO-15	NCK	61
10372503002	**Sub-Slab**	TO-15	NCK	61
10372503003	**Vapor Removal System**	TO-15	NCK	61

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PROJECT NARRATIVE

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Method: **TO-15**
Description: TO15 MSV AIR
Client: Mach IV Engineering
Date: December 13, 2016

General Information:
3 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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.

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

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits 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: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Sample: Ambient Air **Lab ID: 10372503001** Collected: 12/07/16 11:32 Received: 12/08/16 12:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**65.9**	ug/m3	3.2	1.1	1.34		12/10/16 15:29	67-64-1	
Benzene	**0.57**	ug/m3	0.44	0.16	1.34		12/10/16 15:29	71-43-2	
Benzyl chloride	**<0.22**	ug/m3	3.5	0.22	1.34		12/10/16 15:29	100-44-7	
Bromodichloromethane	**<0.26**	ug/m3	1.8	0.26	1.34		12/10/16 15:29	75-27-4	
Bromoform	**<1.2**	ug/m3	2.8	1.2	1.34		12/10/16 15:29	75-25-2	
Bromomethane	**<0.42**	ug/m3	1.1	0.42	1.34		12/10/16 15:29	74-83-9	
1,3-Butadiene	**<0.24**	ug/m3	0.60	0.24	1.34		12/10/16 15:29	106-99-0	
2-Butanone (MEK)	**22.0**	ug/m3	4.0	0.31	1.34		12/10/16 15:29	78-93-3	
Carbon disulfide	**<0.14**	ug/m3	0.84	0.14	1.34		12/10/16 15:29	75-15-0	
Carbon tetrachloride	**0.52J**	ug/m3	0.86	0.26	1.34		12/10/16 15:29	56-23-5	
Chlorobenzene	**<0.18**	ug/m3	1.3	0.18	1.34		12/10/16 15:29	108-90-7	
Chloroethane	**<0.26**	ug/m3	0.72	0.26	1.34		12/10/16 15:29	75-00-3	
Chloroform	**<0.25**	ug/m3	0.66	0.25	1.34		12/10/16 15:29	67-66-3	
Chloromethane	**1.3**	ug/m3	0.56	0.14	1.34		12/10/16 15:29	74-87-3	
Cyclohexane	**0.74J**	ug/m3	0.94	0.42	1.34		12/10/16 15:29	110-82-7	
Dibromochloromethane	**<1.1**	ug/m3	2.3	1.1	1.34		12/10/16 15:29	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/m3	2.1	1.0	1.34		12/10/16 15:29	106-93-4	
1,2-Dichlorobenzene	**<0.69**	ug/m3	1.6	0.69	1.34		12/10/16 15:29	95-50-1	
1,3-Dichlorobenzene	**<0.71**	ug/m3	1.6	0.71	1.34		12/10/16 15:29	541-73-1	
1,4-Dichlorobenzene	**<0.67**	ug/m3	1.6	0.67	1.34		12/10/16 15:29	106-46-7	
Dichlorodifluoromethane	**1.6J**	ug/m3	3.4	0.64	1.34		12/10/16 15:29	75-71-8	
1,1-Dichloroethane	**<0.21**	ug/m3	1.1	0.21	1.34		12/10/16 15:29	75-34-3	
1,2-Dichloroethane	**<0.27**	ug/m3	0.55	0.27	1.34		12/10/16 15:29	107-06-2	
1,1-Dichloroethene	**<0.32**	ug/m3	1.1	0.32	1.34		12/10/16 15:29	75-35-4	
cis-1,2-Dichloroethene	**<0.33**	ug/m3	1.1	0.33	1.34		12/10/16 15:29	156-59-2	
trans-1,2-Dichloroethene	**<0.51**	ug/m3	1.1	0.51	1.34		12/10/16 15:29	156-60-5	
1,2-Dichloropropane	**<0.36**	ug/m3	1.3	0.36	1.34		12/10/16 15:29	78-87-5	
cis-1,3-Dichloropropene	**<0.49**	ug/m3	1.2	0.49	1.34		12/10/16 15:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.35**	ug/m3	1.2	0.35	1.34		12/10/16 15:29	10061-02-6	
Dichlorotetrafluoroethane	**<0.42**	ug/m3	1.9	0.42	1.34		12/10/16 15:29	76-14-2	
Ethanol	**34.2**	ug/m3	1.3	0.36	1.34		12/10/16 15:29	64-17-5	
Ethyl acetate	**<0.47**	ug/m3	0.98	0.47	1.34		12/10/16 15:29	141-78-6	
Ethylbenzene	**<0.57**	ug/m3	1.2	0.57	1.34		12/10/16 15:29	100-41-4	
4-Ethyltoluene	**<0.25**	ug/m3	1.3	0.25	1.34		12/10/16 15:29	622-96-8	
n-Heptane	**1.9J**	ug/m3	2.8	0.37	1.34		12/10/16 15:29	142-82-5	
Hexachloro-1,3-butadiene	**<0.87**	ug/m3	2.9	0.87	1.34		12/10/16 15:29	87-68-3	
n-Hexane	**3.5**	ug/m3	0.96	0.48	1.34		12/10/16 15:29	110-54-3	
2-Hexanone	**7.0**	ug/m3	5.6	0.55	1.34		12/10/16 15:29	591-78-6	
Methylene Chloride	**<0.73**	ug/m3	4.7	0.73	1.34		12/10/16 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.29**	ug/m3	5.6	0.29	1.34		12/10/16 15:29	108-10-1	
Methyl-tert-butyl ether	**<0.41**	ug/m3	4.9	0.41	1.34		12/10/16 15:29	1634-04-4	
Naphthalene	**1.9J**	ug/m3	3.6	0.41	1.34		12/10/16 15:29	91-20-3	
2-Propanol	**8.6**	ug/m3	3.4	0.32	1.34		12/10/16 15:29	67-63-0	
Propylene	**<0.18**	ug/m3	1.2	0.18	1.34		12/10/16 15:29	115-07-1	
Styrene	**<0.26**	ug/m3	1.2	0.26	1.34		12/10/16 15:29	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.44**	ug/m3	0.94	0.44	1.34		12/10/16 15:29	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Sample: Ambient Air **Lab ID: 10372503001** Collected: 12/07/16 11:32 Received: 12/08/16 12:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**0.70J**	ug/m3	0.92	0.37	1.34		12/10/16 15:29	127-18-4	
Tetrahydrofuran	**0.49J**	ug/m3	0.80	0.16	1.34		12/10/16 15:29	109-99-9	
Toluene	**1.4**	ug/m3	1.0	0.21	1.34		12/10/16 15:29	108-88-3	
1,2,4-Trichlorobenzene	**<1.2**	ug/m3	5.1	1.2	1.34		12/10/16 15:29	120-82-1	
1,1,1-Trichloroethane	**<0.33**	ug/m3	1.5	0.33	1.34		12/10/16 15:29	71-55-6	
1,1,2-Trichloroethane	**<0.33**	ug/m3	0.74	0.33	1.34		12/10/16 15:29	79-00-5	
Trichloroethene	**<0.37**	ug/m3	0.74	0.37	1.34		12/10/16 15:29	79-01-6	
Trichlorofluoromethane	**1.3J**	ug/m3	1.5	0.18	1.34		12/10/16 15:29	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.55J**	ug/m3	2.1	0.40	1.34		12/10/16 15:29	76-13-1	
1,2,4-Trimethylbenzene	**<0.17**	ug/m3	1.3	0.17	1.34		12/10/16 15:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.25**	ug/m3	1.3	0.25	1.34		12/10/16 15:29	108-67-8	
Vinyl acetate	**6.1**	ug/m3	0.96	0.44	1.34		12/10/16 15:29	108-05-4	
Vinyl chloride	**<0.26**	ug/m3	0.35	0.26	1.34		12/10/16 15:29	75-01-4	
m&p-Xylene	**<1.1**	ug/m3	2.4	1.1	1.34		12/10/16 15:29	179601-23-1	
o-Xylene	**<0.47**	ug/m3	1.2	0.47	1.34		12/10/16 15:29	95-47-6	

Sample: Sub-Slab **Lab ID: 10372503002** Collected: 12/07/16 12:55 Received: 12/08/16 12:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**138**	ug/m3	3.2	1.1	1.34		12/10/16 16:01	67-64-1	
Benzene	**8.1**	ug/m3	0.44	0.16	1.34		12/10/16 16:01	71-43-2	
Benzyl chloride	**<0.22**	ug/m3	3.5	0.22	1.34		12/10/16 16:01	100-44-7	
Bromodichloromethane	**<0.26**	ug/m3	1.8	0.26	1.34		12/10/16 16:01	75-27-4	
Bromoform	**<1.2**	ug/m3	2.8	1.2	1.34		12/10/16 16:01	75-25-2	
Bromomethane	**<0.42**	ug/m3	1.1	0.42	1.34		12/10/16 16:01	74-83-9	
1,3-Butadiene	**<0.24**	ug/m3	0.60	0.24	1.34		12/10/16 16:01	106-99-0	
2-Butanone (MEK)	**9.0**	ug/m3	4.0	0.31	1.34		12/10/16 16:01	78-93-3	
Carbon disulfide	**1.1**	ug/m3	0.84	0.14	1.34		12/10/16 16:01	75-15-0	
Carbon tetrachloride	**<0.26**	ug/m3	0.86	0.26	1.34		12/10/16 16:01	56-23-5	
Chlorobenzene	**<0.18**	ug/m3	1.3	0.18	1.34		12/10/16 16:01	108-90-7	
Chloroethane	**<0.26**	ug/m3	0.72	0.26	1.34		12/10/16 16:01	75-00-3	
Chloroform	**0.51J**	ug/m3	0.66	0.25	1.34		12/10/16 16:01	67-66-3	
Chloromethane	**<0.14**	ug/m3	0.56	0.14	1.34		12/10/16 16:01	74-87-3	
Cyclohexane	**36.0**	ug/m3	0.94	0.42	1.34		12/10/16 16:01	110-82-7	
Dibromochloromethane	**<1.1**	ug/m3	2.3	1.1	1.34		12/10/16 16:01	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/m3	2.1	1.0	1.34		12/10/16 16:01	106-93-4	
1,2-Dichlorobenzene	**<0.69**	ug/m3	1.6	0.69	1.34		12/10/16 16:01	95-50-1	
1,3-Dichlorobenzene	**<0.71**	ug/m3	1.6	0.71	1.34		12/10/16 16:01	541-73-1	
1,4-Dichlorobenzene	**20.1**	ug/m3	1.6	0.67	1.34		12/10/16 16:01	106-46-7	
Dichlorodifluoromethane	**23.8**	ug/m3	3.4	0.64	1.34		12/10/16 16:01	75-71-8	
1,1-Dichloroethane	**<0.21**	ug/m3	1.1	0.21	1.34		12/10/16 16:01	75-34-3	
1,2-Dichloroethane	**<0.27**	ug/m3	0.55	0.27	1.34		12/10/16 16:01	107-06-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Sample: Sub-Slab **Lab ID: 10372503002** Collected: 12/07/16 12:55 Received: 12/08/16 12:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.32**	ug/m3	1.1	0.32	1.34		12/10/16 16:01	75-35-4	
cis-1,2-Dichloroethene	**<0.33**	ug/m3	1.1	0.33	1.34		12/10/16 16:01	156-59-2	
trans-1,2-Dichloroethene	**<0.51**	ug/m3	1.1	0.51	1.34		12/10/16 16:01	156-60-5	
1,2-Dichloropropane	**<0.36**	ug/m3	1.3	0.36	1.34		12/10/16 16:01	78-87-5	
cis-1,3-Dichloropropene	**<0.49**	ug/m3	1.2	0.49	1.34		12/10/16 16:01	10061-01-5	
trans-1,3-Dichloropropene	**<0.35**	ug/m3	1.2	0.35	1.34		12/10/16 16:01	10061-02-6	
Dichlorotetrafluoroethane	**<0.42**	ug/m3	1.9	0.42	1.34		12/10/16 16:01	76-14-2	
Ethanol	**7.4**	ug/m3	1.3	0.36	1.34		12/10/16 16:01	64-17-5	
Ethyl acetate	**1.8**	ug/m3	0.98	0.47	1.34		12/10/16 16:01	141-78-6	
Ethylbenzene	**9.8**	ug/m3	1.2	0.57	1.34		12/10/16 16:01	100-41-4	
4-Ethyltoluene	**4.5**	ug/m3	1.3	0.25	1.34		12/10/16 16:01	622-96-8	
n-Heptane	**30.2**	ug/m3	2.8	0.37	1.34		12/10/16 16:01	142-82-5	
Hexachloro-1,3-butadiene	**1.9J**	ug/m3	2.9	0.87	1.34		12/10/16 16:01	87-68-3	
n-Hexane	**32.6**	ug/m3	0.96	0.48	1.34		12/10/16 16:01	110-54-3	
2-Hexanone	**<0.55**	ug/m3	5.6	0.55	1.34		12/10/16 16:01	591-78-6	
Methylene Chloride	**5.8**	ug/m3	4.7	0.73	1.34		12/10/16 16:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.29**	ug/m3	5.6	0.29	1.34		12/10/16 16:01	108-10-1	
Methyl-tert-butyl ether	**<0.41**	ug/m3	4.9	0.41	1.34		12/10/16 16:01	1634-04-4	
Naphthalene	**19.0**	ug/m3	3.6	0.41	1.34		12/10/16 16:01	91-20-3	
2-Propanol	**7.1**	ug/m3	3.4	0.32	1.34		12/10/16 16:01	67-63-0	
Propylene	**<0.18**	ug/m3	1.2	0.18	1.34		12/10/16 16:01	115-07-1	
Styrene	**2.0**	ug/m3	1.2	0.26	1.34		12/10/16 16:01	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.44**	ug/m3	0.94	0.44	1.34		12/10/16 16:01	79-34-5	
Tetrachloroethene	**1370**	ug/m3	18.5	7.5	26.8		12/12/16 15:21	127-18-4	
Tetrahydrofuran	**<0.16**	ug/m3	0.80	0.16	1.34		12/10/16 16:01	109-99-9	
Toluene	**37.0**	ug/m3	1.0	0.21	1.34		12/10/16 16:01	108-88-3	
1,2,4-Trichlorobenzene	**<1.2**	ug/m3	5.1	1.2	1.34		12/10/16 16:01	120-82-1	
1,1,1-Trichloroethane	**<0.33**	ug/m3	1.5	0.33	1.34		12/10/16 16:01	71-55-6	
1,1,2-Trichloroethane	**<0.33**	ug/m3	0.74	0.33	1.34		12/10/16 16:01	79-00-5	
Trichloroethene	**1.2**	ug/m3	0.74	0.37	1.34		12/10/16 16:01	79-01-6	
Trichlorofluoromethane	**1.5J**	ug/m3	1.5	0.18	1.34		12/10/16 16:01	75-69-4	
1,1,2-Trichlorotrifluoroethane	**5.3**	ug/m3	2.1	0.40	1.34		12/10/16 16:01	76-13-1	
1,2,4-Trimethylbenzene	**16.6**	ug/m3	1.3	0.17	1.34		12/10/16 16:01	95-63-6	
1,3,5-Trimethylbenzene	**4.6**	ug/m3	1.3	0.25	1.34		12/10/16 16:01	108-67-8	
Vinyl acetate	**<0.44**	ug/m3	0.96	0.44	1.34		12/10/16 16:01	108-05-4	
Vinyl chloride	**<0.26**	ug/m3	0.35	0.26	1.34		12/10/16 16:01	75-01-4	
m&p-Xylene	**30.4**	ug/m3	2.4	1.1	1.34		12/10/16 16:01	179601-23-1	
o-Xylene	**13.2**	ug/m3	1.2	0.47	1.34		12/10/16 16:01	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Sample: Vapor Removal System **Lab ID: 10372503003** Collected: 12/07/16 12:05 Received: 12/08/16 12:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**35.0**	ug/m3	3.2	1.1	1.34		12/10/16 16:32	67-64-1	
Benzene	**0.41J**	ug/m3	0.44	0.16	1.34		12/10/16 16:32	71-43-2	
Benzyl chloride	**<0.22**	ug/m3	3.5	0.22	1.34		12/10/16 16:32	100-44-7	
Bromodichloromethane	**<0.26**	ug/m3	1.8	0.26	1.34		12/10/16 16:32	75-27-4	
Bromoform	**<1.2**	ug/m3	2.8	1.2	1.34		12/10/16 16:32	75-25-2	
Bromomethane	**<0.42**	ug/m3	1.1	0.42	1.34		12/10/16 16:32	74-83-9	
1,3-Butadiene	**<0.24**	ug/m3	0.60	0.24	1.34		12/10/16 16:32	106-99-0	
2-Butanone (MEK)	**8.8**	ug/m3	4.0	0.31	1.34		12/10/16 16:32	78-93-3	
Carbon disulfide	**<0.14**	ug/m3	0.84	0.14	1.34		12/10/16 16:32	75-15-0	
Carbon tetrachloride	**0.46J**	ug/m3	0.86	0.26	1.34		12/10/16 16:32	56-23-5	
Chlorobenzene	**<0.18**	ug/m3	1.3	0.18	1.34		12/10/16 16:32	108-90-7	
Chloroethane	**<0.26**	ug/m3	0.72	0.26	1.34		12/10/16 16:32	75-00-3	
Chloroform	**<0.25**	ug/m3	0.66	0.25	1.34		12/10/16 16:32	67-66-3	
Chloromethane	**1.1**	ug/m3	0.56	0.14	1.34		12/10/16 16:32	74-87-3	
Cyclohexane	**1.5**	ug/m3	0.94	0.42	1.34		12/10/16 16:32	110-82-7	
Dibromochloromethane	**<1.1**	ug/m3	2.3	1.1	1.34		12/10/16 16:32	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/m3	2.1	1.0	1.34		12/10/16 16:32	106-93-4	
1,2-Dichlorobenzene	**<0.69**	ug/m3	1.6	0.69	1.34		12/10/16 16:32	95-50-1	
1,3-Dichlorobenzene	**<0.71**	ug/m3	1.6	0.71	1.34		12/10/16 16:32	541-73-1	
1,4-Dichlorobenzene	**23.7**	ug/m3	1.6	0.67	1.34		12/10/16 16:32	106-46-7	
Dichlorodifluoromethane	**1.7J**	ug/m3	3.4	0.64	1.34		12/10/16 16:32	75-71-8	
1,1-Dichloroethane	**<0.21**	ug/m3	1.1	0.21	1.34		12/10/16 16:32	75-34-3	
1,2-Dichloroethane	**<0.27**	ug/m3	0.55	0.27	1.34		12/10/16 16:32	107-06-2	
1,1-Dichloroethene	**<0.32**	ug/m3	1.1	0.32	1.34		12/10/16 16:32	75-35-4	
cis-1,2-Dichloroethene	**<0.33**	ug/m3	1.1	0.33	1.34		12/10/16 16:32	156-59-2	
trans-1,2-Dichloroethene	**<0.51**	ug/m3	1.1	0.51	1.34		12/10/16 16:32	156-60-5	
1,2-Dichloropropane	**<0.36**	ug/m3	1.3	0.36	1.34		12/10/16 16:32	78-87-5	
cis-1,3-Dichloropropene	**<0.49**	ug/m3	1.2	0.49	1.34		12/10/16 16:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.35**	ug/m3	1.2	0.35	1.34		12/10/16 16:32	10061-02-6	
Dichlorotetrafluoroethane	**<0.42**	ug/m3	1.9	0.42	1.34		12/10/16 16:32	76-14-2	
Ethanol	**17.7**	ug/m3	1.3	0.36	1.34		12/10/16 16:32	64-17-5	
Ethyl acetate	**<0.47**	ug/m3	0.98	0.47	1.34		12/10/16 16:32	141-78-6	
Ethylbenzene	**3.5**	ug/m3	1.2	0.57	1.34		12/10/16 16:32	100-41-4	
4-Ethyltoluene	**4.7**	ug/m3	1.3	0.25	1.34		12/10/16 16:32	622-96-8	
n-Heptane	**1.8J**	ug/m3	2.8	0.37	1.34		12/10/16 16:32	142-82-5	
Hexachloro-1,3-butadiene	**<0.87**	ug/m3	2.9	0.87	1.34		12/10/16 16:32	87-68-3	
n-Hexane	**1.9**	ug/m3	0.96	0.48	1.34		12/10/16 16:32	110-54-3	
2-Hexanone	**2.8J**	ug/m3	5.6	0.55	1.34		12/10/16 16:32	591-78-6	
Methylene Chloride	**<0.73**	ug/m3	4.7	0.73	1.34		12/10/16 16:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.29**	ug/m3	5.6	0.29	1.34		12/10/16 16:32	108-10-1	
Methyl-tert-butyl ether	**<0.41**	ug/m3	4.9	0.41	1.34		12/10/16 16:32	1634-04-4	
Naphthalene	**17.5**	ug/m3	3.6	0.41	1.34		12/10/16 16:32	91-20-3	
2-Propanol	**4.9**	ug/m3	3.4	0.32	1.34		12/10/16 16:32	67-63-0	
Propylene	**5.3**	ug/m3	1.2	0.18	1.34		12/10/16 16:32	115-07-1	
Styrene	**2.4**	ug/m3	1.2	0.26	1.34		12/10/16 16:32	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.44**	ug/m3	0.94	0.44	1.34		12/10/16 16:32	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Sample: Vapor Removal System **Lab ID: 10372503003** Collected: 12/07/16 12:05 Received: 12/08/16 12:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**13.0**	ug/m3	0.92	0.37	1.34		12/10/16 16:32	127-18-4	
Tetrahydrofuran	**0.70J**	ug/m3	0.80	0.16	1.34		12/10/16 16:32	109-99-9	
Toluene	**9.8**	ug/m3	1.0	0.21	1.34		12/10/16 16:32	108-88-3	
1,2,4-Trichlorobenzene	**<1.2**	ug/m3	5.1	1.2	1.34		12/10/16 16:32	120-82-1	
1,1,1-Trichloroethane	**<0.33**	ug/m3	1.5	0.33	1.34		12/10/16 16:32	71-55-6	
1,1,2-Trichloroethane	**<0.33**	ug/m3	0.74	0.33	1.34		12/10/16 16:32	79-00-5	
Trichloroethene	**<0.37**	ug/m3	0.74	0.37	1.34		12/10/16 16:32	79-01-6	
Trichlorofluoromethane	**1.3J**	ug/m3	1.5	0.18	1.34		12/10/16 16:32	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.58J**	ug/m3	2.1	0.40	1.34		12/10/16 16:32	76-13-1	
1,2,4-Trimethylbenzene	**14.9**	ug/m3	1.3	0.17	1.34		12/10/16 16:32	95-63-6	
1,3,5-Trimethylbenzene	**3.6**	ug/m3	1.3	0.25	1.34		12/10/16 16:32	108-67-8	
Vinyl acetate	**1.5**	ug/m3	0.96	0.44	1.34		12/10/16 16:32	108-05-4	
Vinyl chloride	**<0.26**	ug/m3	0.35	0.26	1.34		12/10/16 16:32	75-01-4	
m&p-Xylene	**18.1**	ug/m3	2.4	1.1	1.34		12/10/16 16:32	179601-23-1	
o-Xylene	**6.3**	ug/m3	1.2	0.47	1.34		12/10/16 16:32	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(612)607-1700

QUALITY CONTROL DATA

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

QC Batch: 451203 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10372503001, 10372503002, 10372503003

METHOD BLANK: 2470885 Matrix: Air
Associated Lab Samples: 10372503001, 10372503002, 10372503003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.25	1.1	12/10/16 09:39	
1,1,2,2-Tetrachloroethane	ug/m3	<0.33	0.70	12/10/16 09:39	
1,1,2-Trichloroethane	ug/m3	<0.25	0.55	12/10/16 09:39	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.30	1.6	12/10/16 09:39	
1,1-Dichloroethane	ug/m3	<0.16	0.82	12/10/16 09:39	
1,1-Dichloroethene	ug/m3	<0.24	0.81	12/10/16 09:39	
1,2,4-Trichlorobenzene	ug/m3	<0.91	3.8	12/10/16 09:39	
1,2,4-Trimethylbenzene	ug/m3	<0.12	1.0	12/10/16 09:39	
1,2-Dibromoethane (EDB)	ug/m3	<0.77	1.6	12/10/16 09:39	
1,2-Dichlorobenzene	ug/m3	<0.51	1.2	12/10/16 09:39	
1,2-Dichloroethane	ug/m3	<0.20	0.41	12/10/16 09:39	
1,2-Dichloropropane	ug/m3	<0.27	0.94	12/10/16 09:39	
1,3,5-Trimethylbenzene	ug/m3	<0.18	1.0	12/10/16 09:39	
1,3-Butadiene	ug/m3	<0.18	0.45	12/10/16 09:39	
1,3-Dichlorobenzene	ug/m3	<0.53	1.2	12/10/16 09:39	
1,4-Dichlorobenzene	ug/m3	<0.50	1.2	12/10/16 09:39	
2-Butanone (MEK)	ug/m3	<0.23	3.0	12/10/16 09:39	
2-Hexanone	ug/m3	<0.41	4.2	12/10/16 09:39	
2-Propanol	ug/m3	<0.24	2.5	12/10/16 09:39	
4-Ethyltoluene	ug/m3	<0.19	1.0	12/10/16 09:39	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.22	4.2	12/10/16 09:39	
Acetone	ug/m3	<0.83	2.4	12/10/16 09:39	
Benzene	ug/m3	<0.12	0.32	12/10/16 09:39	
Benzyl chloride	ug/m3	<0.17	2.6	12/10/16 09:39	
Bromodichloromethane	ug/m3	<0.19	1.4	12/10/16 09:39	
Bromoform	ug/m3	<0.90	2.1	12/10/16 09:39	
Bromomethane	ug/m3	<0.31	0.79	12/10/16 09:39	
Carbon disulfide	ug/m3	<0.10	0.63	12/10/16 09:39	
Carbon tetrachloride	ug/m3	<0.19	0.64	12/10/16 09:39	
Chlorobenzene	ug/m3	<0.13	0.94	12/10/16 09:39	
Chloroethane	ug/m3	<0.19	0.54	12/10/16 09:39	
Chloroform	ug/m3	<0.19	0.50	12/10/16 09:39	
Chloromethane	ug/m3	<0.11	0.42	12/10/16 09:39	
cis-1,2-Dichloroethene	ug/m3	<0.25	0.81	12/10/16 09:39	
cis-1,3-Dichloropropene	ug/m3	<0.37	0.92	12/10/16 09:39	
Cyclohexane	ug/m3	<0.32	0.70	12/10/16 09:39	
Dibromochloromethane	ug/m3	<0.86	1.7	12/10/16 09:39	
Dichlorodifluoromethane	ug/m3	<0.48	2.5	12/10/16 09:39	
Dichlorotetrafluoroethane	ug/m3	<0.31	1.4	12/10/16 09:39	
Ethanol	ug/m3	<0.26	0.96	12/10/16 09:39	
Ethyl acetate	ug/m3	<0.35	0.73	12/10/16 09:39	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

METHOD BLANK: 2470885 Matrix: Air
Associated Lab Samples: 10372503001, 10372503002, 10372503003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.42	0.88	12/10/16 09:39	
Hexachloro-1,3-butadiene	ug/m3	<0.65	2.2	12/10/16 09:39	
m&p-Xylene	ug/m3	<0.79	1.8	12/10/16 09:39	
Methyl-tert-butyl ether	ug/m3	<0.30	3.7	12/10/16 09:39	
Methylene Chloride	ug/m3	<0.54	3.5	12/10/16 09:39	
n-Heptane	ug/m3	<0.28	2.1	12/10/16 09:39	
n-Hexane	ug/m3	<0.36	0.72	12/10/16 09:39	
Naphthalene	ug/m3	<0.30	2.7	12/10/16 09:39	
o-Xylene	ug/m3	<0.35	0.88	12/10/16 09:39	
Propylene	ug/m3	<0.14	0.88	12/10/16 09:39	
Styrene	ug/m3	<0.19	0.87	12/10/16 09:39	
Tetrachloroethene	ug/m3	<0.28	0.69	12/10/16 09:39	
Tetrahydrofuran	ug/m3	<0.12	0.60	12/10/16 09:39	
Toluene	ug/m3	<0.15	0.77	12/10/16 09:39	
trans-1,2-Dichloroethene	ug/m3	<0.38	0.81	12/10/16 09:39	
trans-1,3-Dichloropropene	ug/m3	<0.26	0.92	12/10/16 09:39	
Trichloroethene	ug/m3	<0.28	0.55	12/10/16 09:39	
Trichlorofluoromethane	ug/m3	<0.13	1.1	12/10/16 09:39	
Vinyl acetate	ug/m3	<0.33	0.72	12/10/16 09:39	
Vinyl chloride	ug/m3	<0.20	0.26	12/10/16 09:39	

LABORATORY CONTROL SAMPLE: 2470886

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	58.2	105	60-143	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	72.9	105	49-150	
1,1,2-Trichloroethane	ug/m3	55.5	59.4	107	57-149	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	87.9	113	66-131	
1,1-Dichloroethane	ug/m3	41.1	47.5	116	62-139	
1,1-Dichloroethene	ug/m3	40.3	47.8	119	62-135	
1,2,4-Trichlorobenzene	ug/m3	75.4	77.1	102	55-146	
1,2,4-Trimethylbenzene	ug/m3	50	53.6	107	57-143	
1,2-Dibromoethane (EDB)	ug/m3	78.1	82.5	106	63-150	
1,2-Dichlorobenzene	ug/m3	61.1	65.4	107	57-141	
1,2-Dichloroethane	ug/m3	41.1	44.0	107	61-144	
1,2-Dichloropropane	ug/m3	47	48.2	103	63-144	
1,3,5-Trimethylbenzene	ug/m3	50	50.0	100	54-147	
1,3-Butadiene	ug/m3	22.5	24.6	110	61-140	
1,3-Dichlorobenzene	ug/m3	61.1	69.0	113	51-150	
1,4-Dichlorobenzene	ug/m3	61.1	66.3	108	57-143	
2-Butanone (MEK)	ug/m3	30	28.9	96	66-144	
2-Hexanone	ug/m3	104	109	105	63-147	
2-Propanol	ug/m3	125	145	116	54-146	
4-Ethyltoluene	ug/m3	50	53.3	107	56-150	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

LABORATORY CONTROL SAMPLE: 2470886

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	104	108	104	58-150	
Acetone	ug/m3	121	131	109	46-140	
Benzene	ug/m3	32.5	33.0	102	62-141	
Benzyl chloride	ug/m3	52.6	54.0	103	66-138	
Bromodichloromethane	ug/m3	68.1	74.9	110	58-149	
Bromoform	ug/m3	105	133	127	61-150	
Bromomethane	ug/m3	39.5	45.8	116	58-136	
Carbon disulfide	ug/m3	31.6	35.8	113	59-135	
Carbon tetrachloride	ug/m3	64	74.9	117	60-149	
Chlorobenzene	ug/m3	46.8	49.8	106	60-150	
Chloroethane	ug/m3	26.8	31.9	119	61-136	
Chloroform	ug/m3	49.6	50.6	102	65-138	
Chloromethane	ug/m3	21	23.6	113	62-133	
cis-1,2-Dichloroethene	ug/m3	40.3	41.2	102	65-139	
cis-1,3-Dichloropropene	ug/m3	46.1	50.3	109	61-149	
Cyclohexane	ug/m3	35	33.9	97	64-134	
Dibromochloromethane	ug/m3	86.6	99.3	115	59-150	
Dichlorodifluoromethane	ug/m3	50.3	63.7	127	63-134	
Dichlorotetrafluoroethane	ug/m3	71	80.6	113	62-134	
Ethanol	ug/m3	91.6	114	124	50-144	
Ethyl acetate	ug/m3	36.6	37.0	101	55-146	
Ethylbenzene	ug/m3	44.1	44.5	101	59-149	
Hexachloro-1,3-butadiene	ug/m3	108	105	97	42-150	
m&p-Xylene	ug/m3	88.3	93.4	106	59-146	
Methyl-tert-butyl ether	ug/m3	91.6	107	116	64-135	
Methylene Chloride	ug/m3	177	216	123	64-128	
n-Heptane	ug/m3	41.6	43.2	104	64-140	
n-Hexane	ug/m3	35.8	34.9	97	50-138	
Naphthalene	ug/m3	53.3	53.2	100	46-146	
o-Xylene	ug/m3	44.1	43.4	98	54-149	
Propylene	ug/m3	17.5	21.3	122	58-135	
Styrene	ug/m3	43.3	48.1	111	54-150	
Tetrachloroethene	ug/m3	68.9	71.3	103	60-142	
Tetrahydrofuran	ug/m3	30	28.1	94	56-143	
Toluene	ug/m3	38.3	40.2	105	61-138	
trans-1,2-Dichloroethene	ug/m3	40.3	49.9	124	67-137	
trans-1,3-Dichloropropene	ug/m3	46.1	52.4	114	59-145	
Trichloroethene	ug/m3	54.6	58.9	108	60-144	
Trichlorofluoromethane	ug/m3	57.1	66.5	116	59-134	
Vinyl acetate	ug/m3	35.8	42.3	118	55-143	
Vinyl chloride	ug/m3	26	29.0	112	63-135	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

SAMPLE DUPLICATE: 2471614

Parameter	Units	10372462002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.37		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.49		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.37		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.60J		25	
1,1-Dichloroethane	ug/m3	ND	<0.23		25	
1,1-Dichloroethene	ug/m3	ND	<0.35		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<1.4		25	
1,2,4-Trimethylbenzene	ug/m3	2.3	2.3	1	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<1.2		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.76		25	
1,2-Dichloroethane	ug/m3	ND	<0.31		25	
1,2-Dichloropropane	ug/m3	ND	<0.40		25	
1,3,5-Trimethylbenzene	ug/m3	ND	1.1J		25	
1,3-Butadiene	ug/m3	ND	<0.26		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.79		25	
1,4-Dichlorobenzene	ug/m3	ND	<0.74		25	
2-Butanone (MEK)	ug/m3	ND	3.5J		25	
2-Hexanone	ug/m3	ND	<0.61		25	
2-Propanol	ug/m3	ND	<0.36		25	
4-Ethyltoluene	ug/m3	ND	1.0J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<0.32		25	
Acetone	ug/m3	13.0	13.3	2	25	
Benzene	ug/m3	0.94	0.92	2	25	
Benzyl chloride	ug/m3	ND	<0.25		25	
Bromodichloromethane	ug/m3	ND	<0.29		25	
Bromoform	ug/m3	ND	<1.3		25	
Bromomethane	ug/m3	ND	<0.46		25	
Carbon disulfide	ug/m3	ND	<0.15		25	
Carbon tetrachloride	ug/m3	ND	0.49J		25	
Chlorobenzene	ug/m3	ND	<0.20		25	
Chloroethane	ug/m3	ND	<0.29		25	
Chloroform	ug/m3	ND	<0.28		25	
Chloromethane	ug/m3	ND	0.67		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.37		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.55		25	
Cyclohexane	ug/m3	2.3	2.3	0	25	
Dibromochloromethane	ug/m3	ND	<1.3		25	
Dichlorodifluoromethane	ug/m3	ND	0.94J		25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.46		25	
Ethanol	ug/m3	6.9	6.9	0	25	
Ethyl acetate	ug/m3	ND	<0.52		25	
Ethylbenzene	ug/m3	5.8	5.7	1	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<0.97		25	
m&p-Xylene	ug/m3	3.8	3.7	3	25	
Methyl-tert-butyl ether	ug/m3	ND	<0.45		25	
Methylene Chloride	ug/m3	5.6	5.9	5	25	
n-Heptane	ug/m3	ND	1.3J		25	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

SAMPLE DUPLICATE: 2471614

Parameter	Units	10372462002 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	2.8	2.8	2	25	
Naphthalene	ug/m3	48.9	50.3	3	25	
o-Xylene	ug/m3	1.4	1.4	2	25	
Propylene	ug/m3	ND	<0.20		25	
Styrene	ug/m3	ND	<0.29		25	
Tetrachloroethene	ug/m3	6.7	6.8	2	25	
Tetrahydrofuran	ug/m3	12.4	12.3	1	25	
Toluene	ug/m3	7.2	7.1	2	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.57		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.39		25	
Trichloroethene	ug/m3	ND	<0.41		25	
Trichlorofluoromethane	ug/m3	ND	1.3J		25	
Vinyl acetate	ug/m3	ND	<0.49		25	
Vinyl chloride	ug/m3	ND	<0.29		25	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0969-02-15 Lockewood Gallery
Pace Project No.: 10372503

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10372503001	**Ambient Air**	TO-15	451203		
10372503002	**Sub-Slab**	TO-15	451203		
10372503003	**Vapor Removal System**	TO-15	451203		

10372503

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

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Page: 1 of 1

Section A Required Client Information:

Company: Mach IV Engineering
Address: 211 N Broadway Ste 14, Green Bay WI 54303
Email To: cfradette@mach-iv.com
Phone: 920 615 0019 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Chad Fradette
Copy To:
Purchase Order No.: 0969-02-15
Project Name: Lockwood Valley
Project Number: 0969-02-15

Section C Invoice Information:

Attention:
Company Name: Same
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #:

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

Location of Sampling by State: WI

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

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

Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

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

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: TO-14	Method: TO-15	Pace Lab ID
1	Ambient Air	6LC	-	12-7-16	1030	12/7/16	1132	28	0	2812	FC0673	X		001
2	Sub-slab	6LC	-	12-7-16	1148	12/7/16	1255	28	0	1662	FC2859	X		002
3	Vapor Removal System	6LC	-	12-7-16	1100	12/7/16	1205	29	0	2305	FC0693	X		003
4														
5														
6														
7														
8														
9														
10														
11														
12														

Method: PM10 | 3C: Fixed Gas (%) | TO-3 | TO-3M (Methane) | TO-4 (PCBs) | TO-13 (PAH) | TO-14 | TO-15 | TO15 Short List*

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	12/7/2016	1436	[signature]	12/7/16	1436
[signature]	12/7/2016	1455	[signature]	12/7/16	1455
			from pace	12816	1220

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

ORIGINAL

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 26APR2016 Page 1 of 1
	Document No.: F-MN-A-106-rev.11	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Mach IV

Project #: WO#: 10372503

10372503

Courier: ☐ Fed Ex ☐ UPS ☐ Speedee ☐ Client ☐ Commercial ☐ Pace ☒ Other: WuHCO

Tracking Number:

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

Optional: Proj. Due Date: Proj. Name:

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

Temp. (TO17 and TO13 samples only) (°C): X **Corrected Temp (°C):** X **Thermom. Used:** ☐ B88A912167504 ☐ 151401163 ☐ B88A0143310098 ☐ 151401164

Temp should be above freezing to 6°C **Correction Factor:** X **Date & Initials of Person Examining Contents:** 12/2 BL

Type of ice Received ☐ Blue ☐ Wet ☒ None

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

Samples Received:

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID

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

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Carolyne Trust **Date:** 12/9/16

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)